Hodgson

*The*
Robert E. Gross
Collection
A Memorial to the Founder
of the
*Lockheed Aircraft*
*Corporation*

Business Administration Library
*University of California*
Los Angeles

Kenney
Collection
—
Shelf

HODGSON, PHILIP LEVI.

The Modern Measurer; Particularly adapted
according to the Present Standard of Ireland ..
with alterations and additions. Dublin: Printed

Tall 8vo. [2]ff. 111pp. including tables. Co
leather label and gilt on spine (worn & front cov
signature of former owner on title, otherwise a

The Advertisement on the verso of the title-pa
changes which have taken place in the prices of
work since last edition, deem the present public
This work contains copious tables on the prices
costs of labor in all the phases of the building i
tions on the work of bricklayers, carpenters, g
etc.

Kress: B 1394 (the 10th edition of 1801).

HODGSON, PHILIP [FL. VI.

The Modern Measurer: Particularly adapted to Timber and Building, according to the Present Standard of Ireland ... The Eleventh edition, with alterations and additions. Dublin: Printed by J. & J. Carrick, 1806.

Tall 8vo. [.]ff. 111pp. including tables. Contemporary calf, red leather label and gilt on spine (worn & front cover off). Title-page loose, signature of former owner on title, otherwise a good copy.

[redacted]

The Advertisement on the verso of the title-page states "The various changes which have taken place in the prices of the several artificers' work since last edition, deem the present publication absolutely necessary." This work contains copious tables on the prices of all the materials and costs of labor in all the phases of the building industry as well as instructions on the work of bricklayers, carpenters, glazers, plumbers, painters, etc.

Kress: B 4391 (the 10th edition of 1801).

THE

# MODERN MEASURER;

Particularly adapted to

## *Timber and Building,*

ACCORDING TO

## THE PRESENT STANDARD

OF

# IRELAND.

CONTAINING

1st A copious set of tables of solid and superficial measure, shewing at sight, the contents practically needful.

2d A table shewing at sight, the prices per solid foot of round or square timber, agreeable to the prices per ton.

3d Tables of small scantling, and square feet of different thickness to a foot and ton solid.

4th Value per superficial foot of different thickness, from six inches to inch and half thick, at various rates per ton.

5th A mode of ascertaining the standard count of planks of different length, breadth and thickness.

6th A table of broken quantities under 100, from 8s. down to 2s. 6d. per C.

7th Prices of scantlings, from two to eight and a half inches per running foot, governed by the different prices per cube foot.

8th Practical examples in measuring of timber, and allowances to be made for various defects therein.

9th The present prices and customs of the several artificers work relating to building, when finished in a masterly manner, and modern taste—together with paper-hanging measure, paving and sinking foundations.

10th Proportions of scantling in small and large building, with customs of wainscotting.

11th Naval measure in Great Britain and Ireland.

*The whole laid down in a satisfactory manner.*

By PHILIP LEVI HODGSON & SON,

*MEASURERS.*

Sold by P. L. HODGSON, No. 16, Lower Coombe,

THE ELEVENTH EDITION, WITH ALTERATIONS AND ADDITIONS.

*DUBLIN:*

PRINTED BY J. & J. CARRICK, 29, BACHELOR's-WALK,

FOR THE AUTHOR.

1806.

*Price in Blue, Eight British Shillings*

# ADVERTISEMENT.

THE various changes which have taken place in the prices of the several artificers work since last edition, deem the present publication absolutely necessary.

The utmost pains have been taken to lay the present work before the public in such a manner as will it is presumed, meet the approbation of employer and workman, and render *the eleventh edition* of *Hodgson's* measuring, worthy the countenance and protection which his former editions have so amply received from a generous public.

# CONTENTS.


| | PAGE |
|---|---|
| Tables of solid measure, | 1 |
| Prices of round and square timber per foot, at different prices per ton, | 31 |
| Explanation of the tables, | 32 |
| Table of superficial measure, | 33 |
| Tables of small scantling, and square feet of different thickness, to a foot and ton solid, | 64 |
| Value per superficial foot from six inches to inch and half thick, at various rates, from £5. down to £1. 15s. per ton, | 65 |
| A mode of ascertaining the standard count of plank of different length, breadth and thickness, | 66 |
| The value of broken quantities under 100, | 67 |
| Table and prices of different scantlings per running foot, governed by the prices per cube foot, | 68 |
| Allowances to be made for various defects in timber, | 73 |
| Practical measuring of timber plank, and board, &c. | 74 |
| Customs and prices of Carpenters work, furnishing materials, | 80 |
| Ditto ditto workmanship only, | 85 |
| Proportion of scantlings, in small and large buildings, | 86 |
| Customs of wainscotting, | 87 |
| A resolution of the carpenters guild in 1793, | 89 |
| Customs and prices of bricklayers work, furnishing materials, | 90 |
| Ditto ditto workmanship only, | 92 |
| Prices of stone-cutters work, including setting, | 94 |
| Ditto, slators work, | 97 |
| Glaziers work, | 98 |
| Prices of smiths and founders work, | 100 |
| ——— plumbers work, | 101 |
| ——— painters work, | 102 |
| ——— plaistering and stucco work, | *ibid.* |
| Paper-hanging measure, | 106 |
| Paving and sinking foundations, | 107 |
| Naval measure in Great Britain and Ireland, | 108 |

# CONTENTS.

A

# TABLE

OF

# SOLID MEASURE.

| Feet Long. | *Inches square.* | | | | Feet Long. | *Inches square.* | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 3 | 3¼ | 3½ | 3¾ | | 3 | 3¼ | 3½ | 3¾ |
| | F. Q | F. Q. | F. Q | F. Q | | F. Q | F. Q. | F. Q. | F. Q |
| 1 | 0 0 | 0 0 | 0 0 | 0 0 | 26 | 1 2 | 1 3 | 2 0 | 2 2 |
| 1½ | 0 0 | 0 0 | 0 0 | 0 0 | 26½ | 1 2 | 1 3 | 2 1 | 2 2 |
| 2 | 0 0 | 0 0 | 0 0 | 0 0 | 27 | 1 2 | 1 3 | 2 1 | 2 2 |
| 2½ | 0 0 | 0 0 | 0 0 | 0 0 | 27½ | 1 2 | 2 0 | 2 1 | 2 2 |
| 3 | 0 0 | 0 0 | 0 1 | 0 1 | 28 | 1 3 | 2 0 | 2 1 | 2 2 |
| 3½ | 0 0 | 0 1 | 0 1 | 0 1 | 28½ | 1 3 | 2 0 | 2 1 | 2 3 |
| 4 | 0 1 | 0 1 | 0 1 | 0 1 | 29 | 1 3 | 2 0 | 2 1 | 2 3 |
| 4½ | 0 1 | 0 1 | 0 1 | 0 1 | 29½ | 1 3 | 2 0 | 2 2 | 2 3 |
| 5 | 0 1 | 0 1 | 0 1 | 0 1 | 30 | 1 3 | 2 0 | 2 2 | 2 3 |
| 5½ | 0 1 | 0 1 | 0 1 | 0 2 | 30½ | 1 3 | 2 0 | 2 2 | 2 3 |
| 6 | 0 1 | 0 1 | 0 2 | 0 2 | 31 | 1 3 | 2 1 | 2 2 | 3 0 |
| 6½ | 0 1 | 0 1 | 0 2 | 0 2 | 31½ | 1 3 | 2 1 | 2 2 | 3 0 |
| 7 | 0 1 | 0 2 | 0 2 | 0 2 | 32 | 2 0 | 2 1 | 2 2 | 3 0 |
| 7½ | 0 1 | 0 2 | 0 2 | 0 2 | 32½ | 2 0 | 2 1 | 2 3 | 3 0 |
| 8 | 0 2 | 0 2 | 0 2 | 0 3 | 33 | 2 0 | 2 1 | 2 3 | 3 0 |
| 8½ | 0 2 | 0 2 | 0 2 | 0 3 | 33½ | 2 0 | 2 1 | 2 3 | 3 1 |
| 9 | 0 2 | 0 2 | 0 3 | 0 3 | 34 | 2 0 | 2 1 | 2 3 | 3 1 |
| 9½ | 0 2 | 0 2 | 0 3 | 0 3 | 34½ | 2 0 | 2 2 | 2 3 | 3 1 |
| 10 | 0 2 | 0 2 | 0 3 | 0 3 | 35 | 2 0 | 2 2 | 2 3 | 3 1 |
| 10½ | 0 2 | 0 3 | 0 3 | 1 0 | 35½ | 2 0 | 2 2 | 3 0 | 3 1 |
| 11 | 0 2 | 0 3 | 0 3 | 1 0 | 36 | 2 1 | 2 2 | 3 0 | 3 2 |
| 11½ | 0 2 | 0 3 | 0 3 | 1 0 | 36½ | 2 1 | 2 2 | 3 0 | 3 2 |
| 12 | 0 3 | 0 3 | 1 0 | 1 0 | 37 | 2 1 | 2 2 | 3 0 | 3 2 |
| 12½ | 0 3 | 0 3 | 1 0 | 1 0 | 37½ | 2 1 | 2 3 | 3 0 | 3 2 |
| 13 | 0 3 | 0 3 | 1 0 | 1 1 | 38 | 2 1 | 2 3 | 3 0 | 3 2 |
| 13½ | 0 3 | 0 3 | 1 0 | 1 1 | 38¼ | 2 1 | 2 3 | 3 1 | 3 3 |
| 14 | 0 3 | 1 0 | 1 0 | 1 1 | 39 | 2 1 | 2 3 | 3 1 | 3 3 |
| 14½ | 0 3 | 1 0 | 1 0 | 1 1 | 39½ | 2 1 | 2 3 | 3 1 | 3 3 |
| 15 | 0 3 | 1 0 | 1 1 | 1 1 | 40 | 2 2 | 2 3 | 3 1 | 3 3 |
| 15½ | 0 3 | 1 0 | 1 1 | 1 2 | 40½ | 2 2 | 2 3 | 3 1 | 3 3 |
| 16 | 1 0 | 1 0 | 1 1 | 1 2 | 41 | 2 2 | 3 0 | 3 1 | 4 0 |
| 16½ | 1 0 | 1 0 | 1 1 | 1 2 | 41½ | 2 2 | 3 0 | 3 2 | 4 0 |
| 17 | 1 0 | 1 0 | 1 1 | 1 2 | 42 | 2 2 | 3 0 | 3 2 | 4 0 |
| 17½ | 1 0 | 1 1 | 1 1 | 1 2 | 42½ | 2 2 | 3 0 | 3 2 | 4 0 |
| 18 | 1 0 | 1 1 | 1 2 | 1 3 | 43 | 2 2 | 3 0 | 3 2 | 4 0 |
| 18½ | 1 0 | 1 1 | 1 2 | 1 3 | 43½ | 2 2 | 3 0 | 3 2 | 4 0 |
| 19 | 1 0 | 1 1 | 1 2 | 1 3 | 44 | 2 3 | 3 0 | 3 2 | 4 1 |
| 19½ | 1 0 | 1 1 | 1 2 | 1 3 | 44½ | 2 3 | 3 1 | 3 3 | 4 1 |
| 20 | 1 1 | 1 1 | 1 2 | 1 3 | 45 | 2 3 | 3 1 | 3 3 | 4 1 |
| 20½ | 1 1 | 1 2 | 1 2 | 2 0 | 45½ | 2 3 | 3 1 | 3 3 | 4 1 |
| 21 | 1 1 | 1 2 | 1 3 | 2 0 | 46 | 2 3 | 3 1 | 3 3 | 4 1 |
| 21½ | 1 1 | 1 2 | 1 3 | 2 0 | 46½ | 2 3 | 3 1 | 3 3 | 4 2 |
| 22 | 1 1 | 1 2 | 1 3 | 2 0 | 47 | 2 3 | 3 1 | 3 3 | 4 2 |
| 22½ | 1 1 | 1 2 | 1 3 | 2 0 | 47½ | 2 3 | 3 1 | 4 0 | 4 2 |
| 23 | 1 1 | 1 2 | 1 3 | 2 0 | 48 | 3 0 | 3 2 | 4 0 | 4 2 |
| 23½ | 1 1 | 1 2 | 1 3 | 2 1 | 48½ | 3 0 | 3 2 | 4 0 | 4 2 |
| 24 | 1 2 | 1 3 | 2 0 | 2 1 | 49 | 3 0 | 3 2 | 4 0 | 4 3 |
| 24½ | 1 2 | 1 3 | 2 0 | 2 1 | 49½ | 3 0 | 3 2 | 4 0 | 4 3 |
| 25 | 1 2 | 1 3 | 2 0 | 2 1 | 50 | 3 0 | 3 2 | 4 1 | 4 3 |
| 25½ | 1 2 | 1 3 | 2 0 | 2 1 | | | | | |

| Feet Long. | *Inches square.* | | | |
|---|---|---|---|---|
| | 4 | 4¼ | 4½ | 4¾ |
| | F. Q. | F. Q | F. Q | F. Q. |
| 1 | 0 0 | 0 0 | 0 0 | 0 0 |
| 1½ | 0 0 | 0 0 | 0 0 | 0 0 |
| 2 | 0 0 | 0 1 | 0 1 | 0 1 |
| 2½ | 0 1 | 0 1 | 0 1 | 0 1 |
| 3 | 0 1 | 0 1 | 0 1 | 0 1 |
| 3½ | 0 1 | 0 1 | 0 1 | 0 2 |
| 4 | 0 1 | 0 2 | 0 2 | 0 2 |
| 4½ | 0 2 | 0 2 | 0 2 | 0 2 |
| 5 | 0 2 | 0 2 | 0 2 | 0 3 |
| 5½ | 0 2 | 0 2 | 0 3 | 0 3 |
| 6 | 0 2 | 0 3 | 0 3 | 0 3 |
| 6½ | 0 2 | 0 3 | 0 3 | 1 0 |
| 7 | 0 3 | 0 3 | 0 3 | 1 0 |
| 7½ | 0 3 | 0 3 | 1 0 | 1 0 |
| 8 | 0 3 | 1 0 | 1 0 | 1 1 |
| 8½ | 0 3 | 1 0 | 1 0 | 1 1 |
| 9 | 1 0 | 1 0 | 1 1 | 1 1 |
| 9½ | 1 0 | 1 0 | 1 1 | 1 1 |
| 10 | 1 0 | 1 1 | 1 1 | 1 2 |
| 10½ | 1 0 | 1 1 | 1 1 | 1 2 |
| 11 | 1 0 | 1 1 | 1 2 | 1 2 |
| 11½ | 1 1 | 1 1 | 1 2 | 1 3 |
| 12 | 1 1 | 1 2 | 1 2 | 1 3 |
| 12½ | 1 1 | 1 2 | 1 3 | 1 3 |
| 13 | 1 1 | 1 2 | 1 3 | 2 0 |
| 13½ | 1 2 | 1 2 | 1 3 | 2 0 |
| 14 | 1 2 | 1 3 | 1 3 | 2 0 |
| 14½ | 1 2 | 1 3 | 2 0 | 2 1 |
| 15 | 1 2 | 1 3 | 2 0 | 2 1 |
| 15½ | 1 2 | 1 3 | 2 0 | 2 1 |
| 16 | 1 3 | 2 0 | 2 1 | 2 2 |
| 16½ | 1 3 | 2 0 | 2 1 | 2 2 |
| 17 | 1 3 | 2 0 | 2 1 | 2 2 |
| 17½ | 1 3 | 2 0 | 2 1 | 2 2 |
| 18 | 2 0 | 2 1 | 2 2 | 2 3 |
| 18½ | 2 0 | 2 1 | 2 2 | 2 3 |
| 19 | 2 0 | 2 1 | 2 2 | 2 3 |
| 19½ | 2 0 | 2 1 | 2 2 | 3 0 |
| 20 | 2 0 | 2 2 | 2 3 | 3 0 |
| 20½ | 2 1 | 2 2 | 2 3 | 3 0 |
| 21 | 2 1 | 2 2 | 2 3 | 3 1 |
| 21½ | 2 1 | 2 2 | 3 0 | 3 1 |
| 22 | 2 1 | 2 3 | 3 0 | 3 1 |
| 22½ | 2 2 | 2 3 | 3 0 | 3 2 |
| 23 | 2 2 | 2 3 | 3 0 | 3 2 |
| 23½ | 2 2 | 2 3 | 3 1 | 3 2 |
| 24 | 2 2 | 3 0 | 3 1 | 3 3 |
| 24½ | 2 2 | 3 0 | 3 1 | 3 3 |
| 25 | 2 3 | 3 0 | 3 2 | 3 3 |
| 25½ | 2 3 | 3 0 | 3 2 | 3 3 |

| Feet Long | *Inches square.* | | | |
|---|---|---|---|---|
| | 4 | 4¼ | 4½ | 4¾ |
| | F. Q | F. Q | F. Q. | F. Q. |
| 26 | 2 3 | 3 1 | 3 2 | 4 0 |
| 26½ | 2 3 | 3 1 | 3 2 | 4 0 |
| 27 | 3 0 | 3 1 | 3 3 | 4 0 |
| 27½ | 3 0 | 3 1 | 3 3 | 4 1 |
| 28 | 3 0 | 3 2 | 3 3 | 4 1 |
| 28½ | 3 0 | 3 2 | 4 0 | 4 1 |
| 29 | 3 0 | 3 2 | 4 0 | 4 2 |
| 29½ | 3 1 | 3 2 | 4 0 | 4 2 |
| 30 | 3 1 | 3 3 | 4 0 | 4 2 |
| 30½ | 3 1 | 3 3 | 4 1 | 4 3 |
| 31 | 3 1 | 3 3 | 4 1 | 4 3 |
| 31½ | 3 2 | 3 3 | 4 1 | 4 3 |
| 32 | 3 2 | 4 0 | 4 2 | 5 0 |
| 32½ | 3 2 | 4 0 | 4 2 | 5 0 |
| 33 | 3 2 | 4 0 | 4 2 | 5 0 |
| 33½ | 3 2 | 4 0 | 4 2 | 5 0 |
| 34 | 3 3 | 4 1 | 4 3 | 5 1 |
| 34½ | 3 3 | 4 1 | 4 3 | 5 1 |
| 35 | 3 3 | 4 1 | 4 3 | 5 1 |
| 35½ | 3 3 | 4 1 | 4 3 | 5 2 |
| 36 | 4 0 | 4 2 | 5 0 | 5 2 |
| 36½ | 4 0 | 4 2 | 5 0 | 5 2 |
| 37 | 4 0 | 4 2 | 5 0 | 5 3 |
| 37½ | 4 0 | 4 2 | 5 1 | 5 3 |
| 38 | 4 0 | 4 3 | 5 1 | 5 3 |
| 38½ | 4 1 | 4 3 | 5 1 | 6 0 |
| 39 | 4 1 | 4 3 | 5 1 | 6 0 |
| 39½ | 4 1 | 4 3 | 5 2 | 6 0 |
| 40 | 4 1 | 5 0 | 5 2 | 6 1 |
| 40½ | 4 2 | 5 0 | 5 2 | 6 1 |
| 41 | 4 2 | 5 0 | 5 3 | 6 1 |
| 41½ | 4 2 | 5 0 | 5 3 | 6 2 |
| 42 | 4 2 | 5 1 | 5 3 | 6 2 |
| 42½ | 4 2 | 5 1 | 5 3 | 6 2 |
| 43 | 4 3 | 5 1 | 6 0 | 6 2 |
| 43½ | 4 3 | 5 1 | 6 0 | 6 3 |
| 44 | 4 3 | 5 2 | 6 0 | 6 3 |
| 44½ | 4 3 | 5 2 | 6 1 | 6 3 |
| 45 | 5 0 | 5 2 | 6 1 | 7 0 |
| 45½ | 5 0 | 5 2 | 6 1 | 7 0 |
| 46 | 5 0 | 5 3 | 6 1 | 7 0 |
| 46½ | 5 0 | 5 3 | 6 2 | 7 1 |
| 47 | 5 0 | 5 3 | 6 2 | 7 1 |
| 47½ | 5 1 | 5 3 | 6 2 | 7 1 |
| 48 | 5 1 | 6 0 | 6 3 | 7 2 |
| 48½ | 5 1 | 6 0 | 6 3 | 7 2 |
| 49 | 5 1 | 6 0 | 6 3 | 7 2 |
| 49½ | 5 2 | 6 0 | 6 3 | 7 3 |
| 50 | 5 2 | 6 1 | 7 0 | 7 3 |

| Feet Long. | *Inches square.* 5 | 5¼ | 5½ | 5¾ | Feet Long. | *Inches square.* 5 | 5¼ | 5½ | 5¾ |
|---|---|---|---|---|---|---|---|---|---|
| | F. Q. | F. Q. | F. Q. | F. Q. | | F. Q. | F. Q. | F. Q. | F. Q. |
| 1 | 0 0 | 0 0 | 0 0 | 0 0 | 26 | 4 2 | 4 3 | 5 1 | 5 3 |
| 1½ | 0 1 | 0 1 | 0 1 | 0 1 | 26½ | 4 2 | 5 0 | 5 2 | 6 0 |
| 2 | 0 1 | 0 1 | 0 1 | 0 1 | 27 | 4 2 | 5 0 | 5 2 | 6 0 |
| 2½ | 0 1 | 0 1 | 0 2 | 0 2 | 27½ | 4 3 | 5 1 | 5 3 | 6 1 |
| 3 | 0 2 | 0 2 | 0 2 | 0 2 | 28 | 4 3 | 5 1 | 5 3 | 6 1 |
| 3½ | 0 2 | 0 2 | 0 2 | 0 3 | 28½ | 4 3 | 5 1 | 5 3 | 6 2 |
| 4 | 0 2 | 0 3 | 0 3 | 0 3 | 29 | 5 0 | 5 2 | 6 0 | 6 2 |
| 4½ | 0 3 | 0 3 | 0 3 | 1 0 | 29½ | 5 0 | 5 2 | 6 0 | 6 3 |
| 5 | 0 3 | 0 3 | 1 0 | 1 0 | 30 | 5 0 | 5 2 | 6 1 | 6 3 |
| 5½ | 0 3 | 1 0 | 1 0 | 1 1 | 30½ | 5 1 | 5 3 | 6 1 | 7 0 |
| 6 | 1 0 | 1 0 | 1 1 | 1 1 | 31 | 5 1 | 5 3 | 6 2 | 7 0 |
| 6½ | 1 0 | 1 0 | 1 1 | 1 1 | 31½ | 5 1 | 6 0 | 6 2 | 7 0 |
| 7 | 1 0 | 1 1 | 1 1 | 1 2 | 32 | 5 2 | 6 0 | 6 2 | 7 1 |
| 7½ | 1 1 | 1 1 | 1 2 | 1 2 | 32½ | 5 2 | 6 0 | 6 3 | 7 1 |
| 8 | 1 1 | 1 2 | 1 2 | 1 3 | 33 | 5 2 | 6 1 | 6 3 | 7 2 |
| 8½ | 1 1 | 1 2 | 1 3 | 1 3 | 33½ | 5 3 | 6 1 | 7 0 | 7 2 |
| 9 | 1 2 | 1 2 | 1 3 | 2 0 | 34 | 5 3 | 6 2 | 7 0 | 7 3 |
| 9½ | 1 2 | 1 3 | 1 3 | 2 0 | 34½ | 5 3 | 6 2 | 7 0 | 7 3 |
| 10 | 1 2 | 1 3 | 2 0 | 2 1 | 35 | 6 0 | 6 2 | 7 1 | 8 0 |
| 10½ | 1 3 | 2 0 | 2 0 | 2 1 | 35½ | 6 0 | 6 3 | 7 1 | 8 0 |
| 11 | 1 3 | 2 0 | 2 1 | 2 2 | 36 | 6 1 | 6 3 | 7 2 | 8 1 |
| 11½ | 1 3 | 2 0 | 2 1 | 2 2 | 36½ | 6 1 | 6 3 | 7 2 | 8 1 |
| 12 | 2 0 | 2 1 | 2 2 | 2 3 | 37 | 6 1 | 7 0 | 7 3 | 8 1 |
| 12½ | 2 0 | 2 1 | 2 2 | 2 3 | 37½ | 6 2 | 7 0 | 7 3 | 8 2 |
| 13 | 2 1 | 2 1 | 2 2 | 2 3 | 38 | 6 2 | 7 1 | 7 3 | 8 2 |
| 13½ | 2 1 | 2 2 | 2 3 | 3 0 | 38½ | 6 2 | 7 1 | 8 0 | 8 3 |
| 14 | 2 1 | 2 2 | 2 3 | 3 0 | 39 | 6 3 | 7 1 | 8 0 | 8 3 |
| 14½ | 2 2 | 2 3 | 3 0 | 3 1 | 39½ | 6 3 | 7 2 | 8 1 | 9 0 |
| 15 | 2 2 | 2 3 | 3 0 | 3 1 | 40 | 6 3 | 7 2 | 8 1 | 9 0 |
| 15½ | 2 2 | 2 3 | 3 1 | 3 2 | 40½ | 7 0 | 7 3 | 8 2 | 9 1 |
| 16 | 2 3 | 3 0 | 3 1 | 3 2 | 41 | 7 0 | 7 3 | 8 2 | 9 1 |
| 16½ | 2 3 | 3 0 | 3 1 | 3 3 | 41½ | 7 0 | 7 3 | 8 2 | 9 2 |
| 17 | 2 3 | 3 1 | 3 2 | 3 3 | 42 | 7 1 | 8 0 | 8 3 | 9 2 |
| 17½ | 3 0 | 3 1 | 3 2 | 4 0 | 42½ | 7 1 | 8 0 | 8 3 | 9 3 |
| 18 | 3 0 | 3 1 | 3 3 | 4 0 | 43 | 7 1 | 8 0 | 9 0 | 9 3 |
| 18½ | 3 0 | 3 2 | 3 3 | 4 0 | 43½ | 7 2 | 8 1 | 9 0 | 9 3 |
| 19 | 3 1 | 3 2 | 3 3 | 4 1 | 44 | 7 2 | 8 1 | 9 0 | 10 0 |
| 19½ | 3 1 | 3 2 | 4 0 | 4 1 | 44½ | 7 2 | 8 2 | 9 1 | 10 0 |
| 20 | 3 1 | 3 3 | 4 0 | 4 2 | 45 | 7 3 | 8 2 | 9 1 | 10 1 |
| 20½ | 3 2 | 3 3 | 4 1 | 4 2 | 45½ | 7 3 | 8 2 | 9 2 | 10 1 |
| 21 | 3 2 | 4 0 | 4 1 | 4 3 | 46 | 7 3 | 8 3 | 9 2 | 10 2 |
| 21½ | 3 2 | 4 0 | 4 2 | 4 3 | 46½ | 8 0 | 8 3 | 9 3 | 10 2 |
| 22 | 3 3 | 4 0 | 4 2 | 5 0 | 47 | 8 0 | 8 3 | 9 3 | 10 3 |
| 22½ | 3 3 | 4 1 | 4 2 | 5 0 | 47½ | 8 0 | 9 0 | 9 3 | 10 3 |
| 23 | 3 3 | 4 1 | 4 3 | 5 1 | 48 | 8 1 | 9 0 | 10 0 | 11 0 |
| 23½ | 4 0 | 4 1 | 4 3 | 5 1 | 48½ | 8 1 | 9 1 | 10 0 | 11 0 |
| 24 | 4 0 | 4 2 | 5 0 | 5 2 | 49 | 8 2 | 9 1 | 10 1 | 11 1 |
| 24½ | 4 1 | 4 2 | 5 0 | 5 2 | 49½ | 8 2 | 9 1 | 10 1 | 11 1 |
| 25 | 4 1 | 4 3 | 5 1 | 5 2 | 50 | 8 2 | 9 2 | 10 2 | 11 1 |
| 25½ | 4 1 | 4 3 | 5 1 | 5 3 | | | | | |

| Feet Long. | *Inches square.* 0 | 0¼ | 0½ | 0¾ | Feet Long | *Inches square.* 0 | 0¼ | 0½ | 0¾ |
|---|---|---|---|---|---|---|---|---|---|
| | F. Q. | F. Q. | F. Q. | F. Q. | | F. Q. | F. Q. | F. Q. | F. Q. |
| 1 | 0 1 | 0 1 | 0 1 | 0 1 | 26 | 6 2 | 7 0 | 7 2 | 8 0 |
| 1½ | 0 1 | 0 1 | 0 1 | 0 1 | 26½ | 6 2 | 7 0 | 7 3 | 8 1 |
| 2 | 0 2 | 0 2 | 0 2 | 0 2 | 27 | 6 3 | 7 1 | 7 3 | 8 2 |
| 2¼ | 0 2 | 0 2 | 0 2 | 0 3 | 27½ | 6 3 | 7 1 | 8 0 | 8 2 |
| 3 | 0 3 | 0 3 | 0 3 | 0 3 | 28 | 7 0 | 7 2 | 8 0 | 8 3 |
| 3½ | 0 3 | 0 3 | 1 0 | 1 0 | 28½ | 7 0 | 7 2 | 8 1 | 9 0 |
| 4 | 1 0 | 1 0 | 1 0 | 1 1 | 29 | 7 1 | 7 3 | 8 2 | 9 0 |
| 4½ | 1 0 | 1 0 | 1 1 | 1 1 | 29½ | 7 1 | 8 0 | 8 2 | 9 1 |
| 5 | 1 1 | 1 1 | 1 1 | 1 2 | 30 | 7 2 | 8 0 | 8 3 | 9 1 |
| 5½ | 1 1 | 1 1 | 1 2 | 1 2 | 30½ | 7 2 | 8 1 | 8 3 | 9 2 |
| 6 | 1 2 | 1 2 | 1 3 | 1 3 | 31 | 7 3 | 8 1 | 9 0 | 9 3 |
| 6½ | 1 2 | 1 3 | 1 3 | 2 0 | 31½ | 7 3 | 8 2 | 9 0 | 9 3 |
| 7 | 1 3 | 1 3 | 2 0 | 2 0 | 32 | 8 0 | 8 2 | 9 1 | 10 0 |
| 7½ | 1 3 | 2 0 | 2 0 | 2 1 | 32½ | 8 0 | 8 3 | 9 2 | 10 1 |
| 8 | 2 0 | 2 0 | 2 1 | 2 2 | 33 | 8 1 | 8 3 | 9 2 | 10 1 |
| 8½ | 2 0 | 2 1 | 2 1 | 2 2 | 33½ | 8 1 | 9 0 | 9 3 | 10 2 |
| 9 | 2 1 | 2 1 | 2 2 | 2 3 | 34 | 8 2 | 9 0 | 9 3 | 10 3 |
| 9½ | 2 1 | 2 2 | 2 3 | 3 0 | 34½ | 8 2 | 9 1 | 10 0 | 10 3 |
| 10 | 2 2 | 2 2 | 2 3 | 3 0 | 35 | 8 3 | 9 1 | 10 1 | 11 0 |
| 10½ | 2 2 | 2 3 | 3 0 | 3 1 | 35½ | 8 3 | 9 2 | 10 1 | 11 0 |
| 11 | 2 3 | 2 3 | 3 0 | 3 1 | 36 | 9 0 | 9 3 | 10 2 | 11 1 |
| 11½ | 2 3 | 3 0 | 3 1 | 3 2 | 36½ | 9 0 | 9 3 | 10 2 | 11 2 |
| 12 | 3 0 | 3 1 | 3 2 | 3 3 | 37 | 9 1 | 10 0 | 10 3 | 11 2 |
| 12½ | 3 0 | 3 1 | 3 2 | 3 3 | 37½ | 9 1 | 10 0 | 11 0 | 11 3 |
| 13 | 3 1 | 3 2 | 3 3 | 4 0 | 38 | 9 2 | 10 1 | 11 0 | 12 0 |
| 13½ | 3 1 | 3 2 | 3 3 | 4 1 | 38½ | 9 2 | 10 1 | 11 1 | 12 0 |
| 14 | 3 2 | 3 3 | 4 0 | 4 1 | 39 | 9 3 | 10 2 | 11 1 | 12 1 |
| 14½ | 3 2 | 3 3 | 4 1 | 4 2 | 39½ | 9 3 | 10 2 | 11 2 | 12 1 |
| 15 | 3 3 | 4 0 | 4 1 | 4 2 | 40 | 10 0 | 10 3 | 11 2 | 12 2 |
| 15½ | 3 3 | 4 0 | 4 2 | 4 3 | 40½ | 10 0 | 10 3 | 11 3 | 12 3 |
| 16 | 4 0 | 4 1 | 4 2 | 5 0 | 41 | 10 1 | 11 0 | 12 0 | 12 3 |
| 16½ | 4 0 | 4 1 | 4 3 | 5 0 | 41½ | 10 1 | 11 1 | 12 0 | 13 0 |
| 17 | 4 1 | 4 2 | 4 3 | 5 1 | 42 | 10 2 | 11 1 | 12 1 | 13 1 |
| 17½ | 4 1 | 4 2 | 5 0 | 5 2 | 42½ | 10 2 | 11 2 | 12 1 | 13 1 |
| 18 | 4 2 | 4 3 | 5 1 | 5 2 | 43 | 10 3 | 11 2 | 12 2 | 13 2 |
| 18½ | 4 2 | 5 0 | 5 1 | 5 3 | 43½ | 10 3 | 11 3 | 12 3 | 13 3 |
| 19 | 4 3 | 5 0 | 5 2 | 6 0 | 44 | 11 0 | 11 3 | 12 3 | 13 3 |
| 19½ | 4 3 | 5 1 | 5 2 | 6 0 | 44½ | 11 0 | 12 0 | 13 0 | 14 0 |
| 20 | 5 0 | 5 1 | 5 3 | 6 1 | 45 | 11 1 | 12 0 | 13 0 | 14 0 |
| 20½ | 5 0 | 5 2 | 6 0 | 6 1 | 45½ | 11 1 | 12 1 | 13 1 | 14 1 |
| 21 | 5 1 | 5 2 | 6 0 | 6 2 | 46 | 11 2 | 12 1 | 13 1 | 14 2 |
| 21½ | 5 1 | 5 3 | 6 1 | 6 3 | 46½ | 11 2 | 12 2 | 13 2 | 14 2 |
| 22 | 5 2 | 5 3 | 6 1 | 6 3 | 47 | 11 3 | 12 2 | 13 3 | 14 3 |
| 22½ | 5 2 | 6 0 | 6 2 | 7 0 | 47½ | 11 3 | 12 3 | 13 3 | 15 0 |
| 23 | 5 3 | 6 0 | 6 2 | 7 1 | 48 | 12 0 | 13 0 | 14 0 | 15 0 |
| 23½ | 5 3 | 6 1 | 6 3 | 7 1 | 48½ | 12 0 | 13 0 | 14 0 | 15 1 |
| 24 | 6 0 | 6 2 | 7 0 | 7 2 | 49 | 12 1 | 13 1 | 14 1 | 15 2 |
| 24½ | 6 0 | 6 2 | 7 0 | 7 3 | 49½ | 12 1 | 13 1 | 14 2 | 15 2 |
| 25 | 6 1 | 6 3 | 7 1 | 7 3 | 50 | 12 2 | 13 2 | 14 2 | 15 3 |
| 25½ | 6 1 | 6 3 | 7 1 | 8 0 | | | | | |

| Feet Long. | *Inches square.* | | | | Feet Long. | *Inches square.* | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 7 | 7¼ | 7½ | 7¾ | | 7 | 7¼ | 7½ | 7¾ |
| | F. Q. | F. Q. | F. Q. | F. Q. | | F. Q. | F. Q. | F. Q. | F. Q. |
| 1 | 0 1 | 0 1 | 0 1 | 0 1 | 26 | 8 3 | 9 1 | 10 0 | 10 3 |
| 1½ | 0 2 | 0 2 | 0 2 | 0 2 | 26½ | 9 0 | 9 2 | 10 1 | 11 0 |
| 2 | 0 2 | 0 2 | 0 3 | 0 3 | 27 | 9 0 | 9 3 | 10 2 | 11 1 |
| 2½ | 0 3 | 0 3 | 0 3 | 1 0 | 27½ | 9 1 | 10 0 | 10 2 | 11 1 |
| 3 | 1 0 | 1 0 | 1 0 | 1 1 | 28 | 9 2 | 10 0 | 10 3 | 11 2 |
| 3½ | 1 0 | 1 1 | 1 1 | 1 1 | 28½ | 9 2 | 10 1 | 11 0 | 11 3 |
| 4 | 1 1 | 1 1 | 1 2 | 1 2 | 29 | 9 3 | 10 2 | 11 1 | 12 0 |
| 4½ | 1 2 | 1 2 | 1 3 | 1 3 | 29½ | 10 0 | 10 3 | 11 2 | 12 1 |
| 5 | 1 2 | 1 3 | 1 3 | 2 0 | 30 | 10 0 | 10 3 | 11 2 | 12 2 |
| 5½ | 1 3 | 2 0 | 2 0 | 2 1 | 30½ | 10 1 | 11 0 | 11 3 | 12 2 |
| 6 | 2 0 | 2 0 | 2 1 | 2 2 | 31 | 10 2 | 11 1 | 12 0 | 12 3 |
| 6½ | 2 0 | 2 1 | 2 2 | 2 2 | 31½ | 10 2 | 11 1 | 12 1 | 13 0 |
| 7 | 2 1 | 2 2 | 2 2 | 2 3 | 32 | 10 3 | 11 2 | 12 2 | 13 1 |
| 7½ | 2 2 | 2 2 | 2 3 | 3 0 | 32½ | 11 0 | 11 3 | 12 2 | 13 2 |
| 8 | 2 2 | 2 3 | 3 0 | 3 1 | 33 | 11 0 | 12 0 | 12 3 | 13 3 |
| 8½ | 2 3 | 3 0 | 3 1 | 3 2 | 33½ | 11 1 | 12 0 | 13 0 | 13 3 |
| 9 | 3 0 | 3 1 | 3 2 | 3 3 | 34 | 11 2 | 12 1 | 13 1 | 14 0 |
| 9½ | 3 0 | 3 1 | 3 2 | 3 3 | 34½ | 11 2 | 12 2 | 13 1 | 14 1 |
| 10 | 3 1 | 3 2 | 3 3 | 4 0 | 35 | 11 3 | 12 3 | 13 2 | 14 2 |
| 10½ | 3 2 | 3 3 | 4 0 | 4 1 | 35½ | 12 0 | 12 3 | 13 3 | 14 3 |
| 11 | 3 2 | 4 0 | 4 1 | 4 2 | 36 | 12 1 | 13 0 | 14 0 | 15 0 |
| 11½ | 3 3 | 4 0 | 4 1 | 4 3 | 36½ | 12 1 | 13 1 | 14 1 | 15 0 |
| 12 | 4 0 | 4 1 | 4 2 | 5 0 | 37 | 12 2 | 13 2 | 14 1 | 15 1 |
| 12½ | 4 1 | 4 2 | 4 3 | 5 0 | 37½ | 12 3 | 13 2 | 14 2 | 15 2 |
| 13 | 4 1 | 4 2 | 5 0 | 5 1 | 38 | 12 3 | 13 3 | 14 3 | 15 3 |
| 13½ | 4 2 | 4 3 | 5 1 | 5 2 | 38½ | 13 0 | 14 0 | 15 0 | 16 0 |
| 14 | 4 3 | 5 0 | 5 1 | 5 3 | 39 | 13 1 | 14 0 | 15 0 | 16 1 |
| 14½ | 4 3 | 5 1 | 5 2 | 6 0 | 39½ | 13 1 | 14 1 | 15 1 | 16 1 |
| 15 | 5 0 | 5 1 | 5 3 | 6 1 | 40 | 13 2 | 14 2 | 15 2 | 16 2 |
| 15½ | 5 1 | 5 2 | 6 0 | 6 1 | 40½ | 13 3 | 14 3 | 15 3 | 16 3 |
| 16 | 5 1 | 5 3 | 6 1 | 6 2 | 41 | 13 3 | 14 3 | 16 0 | 17 0 |
| 16½ | 5 2 | 6 0 | 6 1 | 6 3 | 41½ | 14 0 | 15 0 | 16 0 | 17 1 |
| 17 | 5 3 | 6 0 | 6 2 | 7 0 | 42 | 14 1 | 15 1 | 16 1 | 17 2 |
| 17½ | 5 3 | 6 1 | 6 3 | 7 1 | 42½ | 14 1 | 15 2 | 16 2 | 17 2 |
| 18 | 6 0 | 6 2 | 7 0 | 7 2 | 43 | 14 2 | 15 2 | 16 3 | 17 3 |
| 18½ | 6 1 | 6 3 | 7 0 | 7 2 | 43½ | 14 3 | 15 3 | 16 3 | 18 0 |
| 19 | 6 1 | 6 3 | 7 1 | 7 3 | 44 | 14 3 | 16 0 | 17 0 | 18 1 |
| 19½ | 6 2 | 7 0 | 7 2 | 8 0 | 44½ | 15 0 | 16 0 | 17 1 | 18 2 |
| 20 | 6 3 | 7 1 | 7 3 | 8 1 | 45 | 15 1 | 16 1 | 17 2 | 18 3 |
| 20½ | 6 3 | 7 1 | 8 0 | 8 2 | 45½ | 15 1 | 16 2 | 17 3 | 18 3 |
| 21 | 7 0 | 7 2 | 8 0 | 8 3 | 46 | 15 2 | 16 3 | 17 3 | 19 0 |
| 21½ | 7 1 | 7 3 | 8 1 | 8 3 | 46½ | 15 3 | 16 3 | 18 0 | 19 1 |
| 22 | 7 1 | 8 0 | 8 2 | 9 0 | 47 | 15 3 | 17 0 | 18 1 | 19 2 |
| 22½ | 7 2 | 8 0 | 8 3 | 9 1 | 47½ | 16 0 | 17 1 | 18 2 | 19 3 |
| 23 | 7 3 | 8 1 | 8 3 | 9 2 | 48 | 16 1 | 17 2 | 18 3 | 20 0 |
| 23½ | 7 3 | 8 2 | 9 0 | 9 3 | 48½ | 16 2 | 17 2 | 18 3 | 20 0 |
| 24 | 8 0 | 8 3 | 9 1 | 10 0 | 49 | 16 2 | 17 3 | 19 0 | 20 1 |
| 24½ | 8 1 | 8 3 | 9 2 | 10 0 | 49½ | 16 3 | 18 0 | 19 1 | 20 2 |
| 25 | 8 2 | 9 0 | 9 3 | 10 1 | 50 | 17 0 | 18 1 | 19 2 | 20 3 |
| 25½ | 8 2 | 9 1 | 9 3 | 10 2 | | | | | |

| Feet Long. | *Inches square.* | | | | Feet Long. | *Inches square.* | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 8 | 8¼ | 8½ | 8¾ | | 8 | 8¼ | 8½ | 8¾ |
| | F. Q. | F. Q. | F. Q. | F. Q. | | F. Q. | F. Q. | F. Q. | F. Q. |
| 1 | 0 1 | 0 1 | 0 2 | 0 2 | 26 | 11 2 | 12 1 | 13 0 | 13 3 |
| 1½ | 0 2 | 0 2 | 0 3 | 0 3 | 26½ | 11 3 | 12 2 | 13 1 | 14 0 |
| 2 | 0 3 | 0 3 | 1 0 | 1 0 | 27 | 12 0 | 12 3 | 13 2 | 14 1 |
| 2½ | 1 0 | 1 0 | 1 1 | 1 1 | 27½ | 12 0 | 12 3 | 13 3 | 14 2 |
| 3 | 1 1 | 1 1 | 1 2 | 1 2 | 28 | 12 1 | 13 0 | 14 0 | 14 3 |
| 3½ | 1 2 | 1 2 | 1 3 | 1 3 | 28½ | 12 2 | 13 1 | 14 1 | 15 0 |
| 4 | 1 3 | 1 3 | 2 0 | 2 0 | 29 | 12 3 | 13 2 | 14 2 | 15 1 |
| 4½ | 2 0 | 2 0 | 2 1 | 2 1 | 29½ | 13 0 | 13 3 | 14 3 | 15 2 |
| 5 | 2 0 | 2 1 | 2 2 | 2 2 | 30 | 13 1 | 14 0 | 15 0 | 15 3 |
| 5½ | 2 1 | 2 2 | 2 3 | 2 3 | 30½ | 13 2 | 14 1 | 15 1 | 16 0 |
| 6 | 2 2 | 2 3 | 3 0 | 3 0 | 31 | 13 3 | 14 2 | 15 2 | 16 1 |
| 6½ | 2 3 | 3 0 | 3 1 | 3 1 | 31½ | 14 0 | 14 3 | 15 3 | 16 2 |
| 7 | 3 0 | 3 1 | 3 2 | 3 2 | 32 | 14 0 | 15 0 | 16 0 | 17 0 |
| 7½ | 3 1 | 3 2 | 3 3 | 3 3 | 32½ | 14 1 | 15 1 | 16 1 | 17 1 |
| 8 | 3 2 | 3 3 | 4 0 | 4 1 | 33 | 14 2 | 15 2 | 16 2 | 17 2 |
| 8½ | 3 3 | 4 0 | 4 1 | 4 2 | 33½ | 14 3 | 15 3 | 16 3 | 17 3 |
| 9 | 4 0 | 4 1 | 4 2 | 4 3 | 34 | 15 0 | 16 0 | 17 0 | 18 0 |
| 9½ | 4 0 | 4 1 | 4 3 | 5 0 | 34½ | 15 1 | 16 1 | 17 1 | 18 1 |
| 10 | 4 1 | 4 2 | 5 0 | 5 1 | 35 | 15 2 | 16 2 | 17 2 | 18 2 |
| 10½ | 4 2 | 4 3 | 5 1 | 5 2 | 35½ | 15 3 | 16 3 | 17 3 | 18 3 |
| 11 | 4 3 | 5 0 | 5 2 | 5 3 | 36 | 16 0 | 17 0 | 18 0 | 19 0 |
| 11½ | 5 0 | 5 1 | 5 3 | 6 0 | 36½ | 16 0 | 17 1 | 18 1 | 19 1 |
| 12 | 5 1 | 5 2 | 6 0 | 6 1 | 37 | 16 1 | 17 1 | 18 2 | 19 2 |
| 12½ | 5 2 | 5 3 | 6 1 | 6 2 | 37½ | 16 2 | 17 2 | 18 3 | 19 3 |
| 13 | 5 3 | 6 0 | 6 2 | 6 3 | 38 | 16 3 | 17 3 | 19 0 | 20 0 |
| 13½ | 6 0 | 6 1 | 6 3 | 7 0 | 38½ | 17 0 | 18 0 | 19 1 | 20 1 |
| 14 | 6 0 | 6 2 | 7 0 | 7 1 | 39 | 17 1 | 18 1 | 19 2 | 20 2 |
| 14½ | 6 1 | 6 3 | 7 1 | 7 2 | 39½ | 17 2 | 18 2 | 19 3 | 20 3 |
| 15 | 6 2 | 7 0 | 7 2 | 7 3 | 40 | 17 3 | 18 3 | 20 0 | 21 1 |
| 15½ | 6 3 | 7 1 | 7 3 | 8 0 | 40½ | 18 0 | 19 0 | 20 1 | 21 2 |
| 16 | 7 0 | 7 2 | 8 0 | 8 2 | 41 | 18 0 | 19 1 | 20 2 | 21 3 |
| 16½ | 7 1 | 7 3 | 8 1 | 8 3 | 41½ | 18 1 | 19 2 | 20 3 | 22 0 |
| 17 | 7 2 | 8 0 | 8 2 | 9 0 | 42 | 18 2 | 19 3 | 21 0 | 22 1 |
| 17½ | 7 3 | 8 1 | 8 3 | 9 1 | 42½ | 18 3 | 20 0 | 21 1 | 22 2 |
| 18 | 8 0 | 8 2 | 9 0 | 9 2 | 43 | 19 0 | 20 1 | 21 2 | 22 3 |
| 18½ | 8 0 | 8 2 | 9 1 | 9 3 | 43½ | 19 1 | 20 2 | 21 3 | 23 0 |
| 19 | 8 1 | 8 3 | 9 2 | 10 0 | 44 | 19 2 | 20 3 | 22 0 | 23 1 |
| 19½ | 8 2 | 9 0 | 9 3 | 10 1 | 44½ | 19 3 | 21 0 | 22 1 | 23 2 |
| 20 | 8 3 | 9 1 | 10 0 | 10 2 | 45 | 20 0 | 21 1 | 22 2 | 23 3 |
| 20½ | 9 0 | 9 2 | 10 1 | 10 3 | 45½ | 20 0 | 21 2 | 22 3 | 24 0 |
| 21 | 9 1 | 9 3 | 10 2 | 11 0 | 46 | 20 1 | 21 2 | 23 0 | 24 1 |
| 21½ | 9 2 | 10 0 | 10 3 | 11 1 | 46½ | 20 2 | 21 3 | 23 1 | 24 2 |
| 22 | 9 3 | 10 1 | 11 0 | 11 2 | 47 | 20 3 | 22 0 | 23 2 | 24 3 |
| 22½ | 10 0 | 10 2 | 11 1 | 11 3 | 47½ | 21 0 | 22 1 | 23 3 | 25 1 |
| 23 | 10 1 | 10 3 | 11 2 | 12 0 | 48 | 21 1 | 22 2 | 24 0 | 25 2 |
| 23½ | 10 0 | 11 0 | 11 3 | 12 1 | 48½ | 21 2 | 22 3 | 24 1 | 25 3 |
| 24 | 10 2 | 11 1 | 12 0 | 12 3 | 49 | 21 3 | 23 0 | 24 2 | 26 0 |
| 24½ | 10 3 | 11 2 | 12 1 | 13 0 | 49½ | 22 0 | 23 1 | 24 3 | 26 1 |
| 25 | 11 0 | 11 3 | 12 2 | 13 1 | 50 | 22 0 | 23 2 | 25 0 | 26 2 |
| 25½ | 11 1 | 12 0 | 12 3 | 13 2 | | | | | |

| Feet Long | *Inches square.* 9 | 9¼ | 9½ | 9¾ | Feet Long. | *Inches square.* 9 | 9¼ | 9½ | 9¾ |
|---|---|---|---|---|---|---|---|---|---|
| | F. Q. | F. Q. | F. Q. | F. Q. | | F. Q. | F. Q. | F. Q. | F. Q. |
| 1 | 0 2 | 0 2 | 0 2 | 0 2 | 26 | 14 2 | 15 1 | 16 1 | 17 0 |
| 1½ | 0 3 | 0 3 | 0 3 | 0 3 | 26½ | 14 3 | 15 2 | 16 2 | 17 1 |
| 2 | 1 0 | 1 0 | 1 1 | 1 1 | 27 | 15 0 | 16 0 | 16 3 | 17 3 |
| 2½ | 1 1 | 1 1 | 1 2 | 1 2 | 27½ | 15 1 | 16 1 | 17 0 | 18 0 |
| 3 | 1 2 | 1 3 | 1 3 | 1 3 | 28 | 15 3 | 16 2 | 17 2 | 18 1 |
| 3½ | 1 3 | 2 0 | 2 0 | 2 0 | 28½ | 16 0 | 16 3 | 17 3 | 18 3 |
| 4 | 2 1 | 2 1 | 2 2 | 2 2 | 29 | 16 1 | 17 0 | 18 0 | 19 0 |
| 4½ | 2 2 | 2 2 | 2 3 | 2 3 | 29½ | 16 2 | 17 2 | 18 1 | 19 1 |
| 5 | 2 3 | 2 3 | 3 0 | 3 1 | 30 | 16 3 | 17 3 | 18 3 | 19 3 |
| 5½ | 3 0 | 3 0 | 3 1 | 3 2 | 30½ | 17 0 | 18 0 | 19 0 | 20 0 |
| 6 | 3 1 | 3 2 | 3 3 | 3 3 | 31 | 17 1 | 18 1 | 19 1 | 20 1 |
| 6½ | 3 2 | 3 3 | 4 0 | 4 1 | 31½ | 17 2 | 18 2 | 19 2 | 20 3 |
| 7 | 3 3 | 4 0 | 4 1 | 4 2 | 32 | 18 0 | 19 0 | 20 0 | 21 0 |
| 7½ | 4 0 | 4 1 | 4 2 | 4 3 | 32½ | 18 1 | 19 1 | 20 1 | 21 1 |
| 8 | 4 2 | 4 3 | 5 0 | 5 1 | 33 | 18 2 | 19 2 | 20 2 | 21 3 |
| 8½ | 4 3 | 5 0 | 5 1 | 5 2 | 33½ | 18 3 | 19 3 | 20 3 | 22 0 |
| 9 | 5 0 | 5 1 | 5 2 | 5 3 | 34 | 19 0 | 20 0 | 21 1 | 22 1 |
| 9½ | 5 1 | 5 2 | 5 3 | 6 1 | 34½ | 19 1 | 20 1 | 21 2 | 22 3 |
| 10 | 5 2 | 5 3 | 6 1 | 6 2 | 35 | 19 2 | 20 3 | 21 3 | 23 0 |
| 10½ | 5 3 | 6 0 | 6 2 | 6 3 | 35½ | 19 3 | 21 0 | 22 0 | 23 1 |
| 11 | 6 0 | 6 2 | 6 3 | 7 1 | 36 | 20 1 | 21 1 | 22 2 | 23 3 |
| 11½ | 6 1 | 6 3 | 7 0 | 7 2 | 36½ | 20 2 | 21 2 | 22 3 | 24 0 |
| 12 | 6 3 | 7 0 | 7 2 | 7 3 | 37 | 20 3 | 21 3 | 23 0 | 24 1 |
| 12½ | 7 0 | 7 1 | 7 3 | 8 1 | 37½ | 21 0 | 22 1 | 23 2 | 24 3 |
| 13 | 7 1 | 7 2 | 8 0 | 8 2 | 38 | 21 1 | 22 2 | 23 3 | 25 0 |
| 13½ | 7 2 | 8 0 | 8 1 | 8 3 | 38½ | 21 2 | 22 3 | 24 0 | 25 1 |
| 14 | 7 3 | 8 1 | 8 3 | 9 0 | 39 | 21 3 | 23 0 | 24 1 | 25 2 |
| 14½ | 8 0 | 8 2 | 9 0 | 9 2 | 39½ | 22 0 | 23 1 | 24 3 | 26 0 |
| 15 | 8 1 | 8 3 | 9 1 | 9 3 | 40 | 22 2 | 23 3 | 25 0 | 26 1 |
| 15½ | 8 2 | 9 0 | 9 2 | 10 0 | 40½ | 22 3 | 24 0 | 25 1 | 26 2 |
| 16 | 9 0 | 9 2 | 10 0 | 10 2 | 41 | 23 0 | 24 1 | 25 2 | 27 0 |
| 16½ | 9 1 | 9 3 | 10 1 | 10 3 | 41½ | 23 1 | 24 2 | 26 0 | 27 1 |
| 17 | 9 2 | 10 0 | 10 2 | 11 0 | 42 | 23 2 | 24 3 | 26 1 | 27 2 |
| 17½ | 9 3 | 10 1 | 10 3 | 11 2 | 42½ | 23 3 | 25 1 | 26 2 | 28 0 |
| 18 | 10 0 | 10 2 | 11 1 | 11 3 | 43 | 24 0 | 25 2 | 26 3 | 28 1 |
| 18½ | 10 1 | 10 3 | 11 2 | 12 0 | 43½ | 24 1 | 25 3 | 27 1 | 28 2 |
| 19 | 10 2 | 11 1 | 11 3 | 12 2 | 44 | 24 3 | 26 0 | 27 2 | 29 0 |
| 19½ | 10 3 | 11 2 | 12 0 | 12 3 | 44½ | 25 0 | 26 1 | 27 3 | 29 1 |
| 20 | 11 1 | 11 3 | 12 2 | 13 0 | 45 | 25 1 | 26 2 | 28 0 | 29 2 |
| 20½ | 11 2 | 12 0 | 12 3 | 13 2 | 45½ | 25 2 | 27 0 | 28 2 | 30 0 |
| 21 | 11 3 | 12 1 | 13 0 | 13 3 | 46 | 25 3 | 27 1 | 28 3 | 30 1 |
| 21½ | 12 0 | 12 3 | 13 1 | 14 0 | 46½ | 26 0 | 27 2 | 29 0 | 30 2 |
| 22 | 12 1 | 13 0 | 13 3 | 14 2 | 47 | 26 1 | 27 3 | 29 1 | 31 0 |
| 22½ | 12 2 | 13 1 | 14 0 | 14 3 | 47½ | 26 2 | 28 0 | 29 3 | 31 1 |
| 23 | 12 3 | 13 2 | 14 1 | 15 0 | 48 | 27 0 | 28 2 | 30 0 | 31 2 |
| 23½ | 13 0 | 13 3 | 14 2 | 15 2 | 48½ | 27 1 | 28 3 | 30 1 | 32 0 |
| 24 | 13 2 | 14 1 | 15 0 | 15 3 | 49 | 27 2 | 29 0 | 30 2 | 32 1 |
| 24½ | 13 3 | 14 2 | 15 1 | 16 0 | 49½ | 27 3 | 29 1 | 31 0 | 32 2 |
| 25 | 14 0 | 14 3 | 15 2 | 16 2 | 50 | 28 0 | 29 2 | 31 1 | 33 0 |
| 25½ | 14 1 | 15 0 | 15 3 | 16 3 | | | | | |

| Feet Long. | *Inches square.* 10 | 10¼ | 10½ | 10¾ | Feet Long. | *Inches square.* 10 | 10¼ | 10½ | 10¾ |
|---|---|---|---|---|---|---|---|---|---|
| | F. Q. | F. Q. | F. Q. | F. Q. | | F. Q. | F. Q. | F. Q. | F. Q. |
| 1 | 0 2 | 0 2 | 0 3 | 0 3 | 26 | 18 0 | 18 3 | 19 3 | 20 3 |
| 1½ | 1 0 | 1 0 | 1 0 | 1 0 | 26½ | 18 1 | 19 1 | 20 1 | 21 1 |
| 2 | 1 1 | 1 1 | 1 2 | 1 2 | 27 | 18 3 | 19 2 | 20 2 | 21 2 |
| 2½ | 1 2 | 1 3 | 1 3 | 2 0 | 27½ | 19 0 | 20 0 | 21 0 | 22 0 |
| 3 | 2 0 | 2 0 | 2 1 | 2 1 | 28 | 19 1 | 20 1 | 21 1 | 22 1 |
| 3½ | 2 1 | 2 2 | 2 2 | 2 3 | 28½ | 19 3 | 20 3 | 21 3 | 22 3 |
| 4 | 2 3 | 2 3 | 3 0 | 3 0 | 29 | 20 0 | 21 0 | 22 0 | 23 1 |
| 4½ | 3 0 | 3 1 | 3 1 | 3 2 | 29½ | 20 1 | 21 2 | 22 2 | 23 2 |
| 5 | 3 1 | 3 2 | 3 3 | 4 0 | 30 | 20 3 | 21 3 | 22 3 | 24 0 |
| 5½ | 3 3 | 4 0 | 4 0 | 4 1 | 30½ | 21 0 | 22 1 | 23 1 | 24 1 |
| 6 | 4 0 | 4 1 | 4 2 | 4 3 | 31 | 21 2 | 22 2 | 23 2 | 24 3 |
| 6½ | 4 2 | 4 2 | 4 3 | 5 0 | 31½ | 21 3 | 22 3 | 24 0 | 25 1 |
| 7 | 4 3 | 5 0 | 5 1 | 5 2 | 32 | 22 0 | 23 1 | 24 2 | 25 2 |
| 7½ | 5 0 | 5 1 | 5 2 | 6 0 | 32½ | 22 2 | 23 2 | 24 3 | 26 0 |
| 8 | 5 2 | 5 3 | 6 0 | 6 1 | 33 | 22 3 | 24 0 | 25 1 | 26 1 |
| 8½ | 5 3 | 6 0 | 6 2 | 6 3 | 33½ | 23 1 | 24 1 | 25 2 | 26 3 |
| 9 | 6 1 | 6 2 | 6 3 | 7 0 | 34 | 23 2 | 24 3 | 26 0 | 27 1 |
| 9½ | 6 2 | 6 3 | 7 1 | 7 2 | 34½ | 23 3 | 25 0 | 26 1 | 27 2 |
| 10 | 6 3 | 7 1 | 7 2 | 8 0 | 35 | 24 1 | 25 2 | 26 3 | 28 0 |
| 10½ | 7 1 | 7 2 | 8 0 | 8 1 | 35½ | 24 2 | 25 3 | 27 0 | 28 1 |
| 11 | 7 2 | 8 0 | 8 1 | 8 3 | 36 | 25 0 | 26 1 | 27 2 | 28 3 |
| 11½ | 7 3 | 8 1 | 8 3 | 9 0 | 36½ | 25 1 | 26 2 | 27 3 | 29 1 |
| 12 | 8 1 | 8 3 | 9 0 | 9 2 | 37 | 25 2 | 26 3 | 28 1 | 29 2 |
| 12½ | 8 2 | 9 0 | 9 2 | 10 0 | 37½ | 26 0 | 27 1 | 28 2 | 30 0 |
| 13 | 9 0 | 9 1 | 9 3 | 10 1 | 38 | 26 1 | 27 2 | 29 0 | 30 1 |
| 13½ | 9 1 | 9 3 | 10 1 | 10 3 | 38½ | 26 2 | 28 0 | 29 1 | 30 3 |
| 14 | 9 2 | 10 0 | 10 2 | 11 0 | 39 | 27 0 | 28 1 | 29 3 | 31 1 |
| 14½ | 10 0 | 10 2 | 11 0 | 11 2 | 39½ | 27 1 | 28 3 | 30 0 | 31 2 |
| 15 | 10 1 | 10 3 | 11 1 | 12 0 | 40 | 27 3 | 29 0 | 30 2 | 32 0 |
| 15½ | 10 3 | 11 1 | 11 3 | 12 1 | 40½ | 28 0 | 29 2 | 31 0 | 32 2 |
| 16 | 11 0 | 11 2 | 12 1 | 12 3 | 41 | 28 1 | 29 3 | 31 1 | 32 3 |
| 16½ | 11 1 | 12 0 | 12 2 | 13 0 | 41½ | 28 3 | 30 1 | 31 3 | 33 1 |
| 17 | 11 3 | 12 1 | 13 0 | 13 2 | 42 | 29 0 | 30 2 | 32 0 | 33 2 |
| 17½ | 12 0 | 12 3 | 13 1 | 14 0 | 42½ | 29 2 | 31 0 | 32 2 | 34 0 |
| 18 | 12 2 | 13 0 | 13 3 | 14 1 | 43 | 29 3 | 31 1 | 32 3 | 34 2 |
| 18½ | 12 3 | 13 1 | 14 0 | 14 3 | 43½ | 30 0 | 31 2 | 33 1 | 34 3 |
| 19 | 13 0 | 13 3 | 14 2 | 15 0 | 44 | 30 2 | 32 0 | 33 2 | 35 1 |
| 19½ | 13 2 | 14 0 | 14 3 | 15 2 | 44½ | 30 3 | 32 1 | 34 0 | 35 2 |
| 20 | 13 3 | 14 2 | 15 1 | 16 0 | 45 | 31 1 | 32 3 | 34 1 | 36 0 |
| 20½ | 14 0 | 14 3 | 15 2 | 16 1 | 45½ | 31 2 | 33 0 | 34 2 | 36 2 |
| 21 | 14 2 | 15 1 | 16 0 | 16 3 | 46 | 31 3 | 33 2 | 35 0 | 36 3 |
| 21½ | 14 3 | 15 2 | 16 1 | 17 1 | 46½ | 32 1 | 33 3 | 35 2 | 37 1 |
| 22 | 15 1 | 16 0 | 16 3 | 17 2 | 47 | 32 2 | 34 1 | 35 3 | 37 2 |
| 22½ | 15 2 | 16 1 | 17 0 | 18 0 | 47½ | 32 3 | 34 2 | 36 1 | 38 0 |
| 23 | 15 3 | 16 3 | 17 2 | 18 1 | 48 | 33 1 | 35 0 | 36 3 | 38 2 |
| 23½ | 16 1 | 17 0 | 17 3 | 18 3 | 48½ | 33 2 | 35 1 | 37 0 | 38 3 |
| 24 | 16 2 | 17 2 | 18 1 | 19 1 | 49 | 34 0 | 35 3 | 37 2 | 39 1 |
| 24½ | 17 0 | 17 3 | 18 3 | 19 2 | 49½ | 34 1 | 36 0 | 37 3 | 39 2 |
| 25 | 17 1 | 18 0 | 19 0 | 20 0 | 50 | 34 2 | 36 1 | 38 1 | 40 0 |
| 25½ | 17 2 | 18 2 | 19 2 | 20 1 | | | | | |

| Feet Long. | *Inches square.* 11 | | 11¼ | | 11½ | | 11¾ | |
|---|---|---|---|---|---|---|---|---|
| | F. | Q. | F | Q. | F. | Q. | F. | Q. |
| 1 | 0 | 3 | 0 | 3 | 0 | 3 | 0 | 3 |
| 1½ | 1 | 1 | 1 | 1 | 1 | 1 | 1 | 1 |
| 2 | 1 | 2 | 1 | 3 | 1 | 3 | 1 | 3 |
| 2½ | 2 | 0 | 2 | 0 | 2 | 1 | 2 | 1 |
| 3 | 2 | 2 | 2 | 2 | 2 | 3 | 2 | 3 |
| 3½ | 2 | 3 | 3 | 0 | 3 | 0 | 3 | 1 |
| 4 | 3 | 1 | 3 | 2 | 3 | 2 | 3 | 3 |
| 4½ | 3 | 3 | 3 | 3 | 4 | 0 | 4 | 1 |
| 5 | 4 | 0 | 4 | 1 | 4 | 2 | 4 | 3 |
| 5½ | 4 | 2 | 4 | 3 | 5 | 0 | 5 | 1 |
| 6 | 5 | 0 | 5 | 1 | 5 | 2 | 5 | 3 |
| 6½ | 5 | 1 | 5 | 2 | 5 | 3 | 6 | 0 |
| 7 | 5 | 3 | 6 | 0 | 6 | 1 | 6 | 2 |
| 7½ | 6 | 1 | 6 | 2 | 6 | 3 | 7 | 0 |
| 8 | 6 | 2 | 7 | 0 | 7 | 1 | 7 | 2 |
| 8½ | 7 | 0 | 7 | 1 | 7 | 3 | 8 | 0 |
| 9 | 7 | 2 | 7 | 3 | 8 | 1 | 8 | 2 |
| 9½ | 7 | 3 | 8 | 1 | 8 | 2 | 9 | 0 |
| 10 | 8 | 1 | 8 | 3 | 9 | 0 | 9 | 2 |
| 10½ | 8 | 3 | 9 | 0 | 9 | 2 | 10 | 0 |
| 11 | 9 | 0 | 9 | 2 | 10 | 0 | 10 | 2 |
| 11½ | 9 | 2 | 10 | 0 | 10 | 2 | 11 | 0 |
| 12 | 10 | 0 | 10 | 2 | 11 | 0 | 11 | 2 |
| 12½ | 10 | 2 | 10 | 3 | 11 | 1 | 11 | 3 |
| 13 | 10 | 3 | 11 | 1 | 11 | 3 | 12 | 1 |
| 13½ | 11 | 1 | 11 | 3 | 12 | 1 | 12 | 3 |
| 14 | 11 | 3 | 12 | 1 | 12 | 3 | 13 | 1 |
| 14½ | 12 | 0 | 12 | 2 | 13 | 1 | 13 | 3 |
| 15 | 12 | 2 | 13 | 0 | 13 | 3 | 14 | 1 |
| 15½ | 13 | 0 | 13 | 2 | 14 | 0 | 14 | 3 |
| 16 | 13 | 1 | 14 | 0 | 14 | 2 | 15 | 1 |
| 16½ | 13 | 3 | 14 | 2 | 15 | 0 | 15 | 3 |
| 17 | 14 | 1 | 14 | 3 | 15 | 2 | 16 | 1 |
| 17½ | 14 | 2 | 15 | 1 | 16 | 0 | 16 | 3 |
| 18 | 15 | 0 | 15 | 3 | 16 | 2 | 17 | 1 |
| 18½ | 15 | 2 | 16 | 1 | 16 | 3 | 17 | 2 |
| 19 | 15 | 3 | 16 | 2 | 17 | 1 | 18 | 0 |
| 19½ | 16 | 1 | 17 | 0 | 17 | 3 | 18 | 2 |
| 20 | 16 | 3 | 17 | 2 | 18 | 1 | 19 | 0 |
| 20½ | 17 | 0 | 18 | 0 | 18 | 3 | 19 | 2 |
| 21 | 17 | 2 | 18 | 1 | 19 | 1 | 20 | 0 |
| 21½ | 18 | 0 | 18 | 3 | 19 | 2 | 20 | 2 |
| 22 | 18 | 1 | 19 | 1 | 20 | 0 | 21 | 0 |
| 22½ | 18 | 3 | 19 | 3 | 20 | 2 | 21 | 2 |
| 23 | 19 | 1 | 20 | 0 | 21 | 0 | 22 | 0 |
| 23½ | 19 | 2 | 20 | 2 | 21 | 2 | 22 | 2 |
| 24 | 20 | 0 | 21 | 0 | 22 | 0 | 23 | 0 |
| 24½ | 20 | 2 | 21 | 2 | 22 | 2 | 23 | 1 |
| 25 | 21 | 0 | 21 | 3 | 22 | 3 | 23 | 3 |
| 25½ | 21 | 1 | 22 | 1 | 23 | 1 | 24 | 1 |

| Feet Long. | *Inches square.* 11 | | 11¼ | | 11½ | | 11¾ | |
|---|---|---|---|---|---|---|---|---|
| | F. | Q. | F. | Q. | F. | Q. | F. | Q. |
| 26 | 21 | 3 | 22 | 3 | 23 | 3 | 24 | 3 |
| 26½ | 22 | 1 | 23 | 1 | 24 | 1 | 25 | 1 |
| 27 | 22 | 2 | 23 | 2 | 24 | 3 | 25 | 3 |
| 27½ | 23 | 0 | 24 | 0 | 25 | 1 | 26 | 1 |
| 28 | 23 | 2 | 24 | 2 | 25 | 2 | 26 | 3 |
| 28½ | 23 | 3 | 25 | 0 | 26 | 0 | 27 | 1 |
| 29 | 24 | 1 | 25 | 1 | 26 | 2 | 27 | 3 |
| 29½ | 24 | 3 | 25 | 3 | 27 | 0 | 28 | 1 |
| 30 | 25 | 0 | 26 | 1 | 27 | 2 | 28 | 3 |
| 30½ | 25 | 2 | 26 | 3 | 28 | 0 | 29 | 0 |
| 31 | 26 | 0 | 27 | 0 | 28 | 1 | 29 | 2 |
| 31½ | 26 | 1 | 27 | 2 | 28 | 3 | 30 | 0 |
| 32 | 26 | 3 | 28 | 0 | 29 | 1 | 30 | 2 |
| 32½ | 27 | 1 | 28 | 2 | 29 | 3 | 31 | 0 |
| 33 | 27 | 2 | 29 | 0 | 30 | 1 | 31 | 2 |
| 33½ | 28 | 0 | 29 | 1 | 30 | 3 | 32 | 0 |
| 34 | 28 | 2 | 29 | 3 | 31 | 0 | 32 | 2 |
| 34½ | 28 | 3 | 30 | 1 | 31 | 2 | 33 | 0 |
| 35 | 29 | 1 | 30 | 3 | 32 | 0 | 33 | 2 |
| 35½ | 29 | 3 | 31 | 0 | 32 | 2 | 34 | 0 |
| 36 | 30 | 1 | 31 | 2 | 33 | 0 | 34 | 2 |
| 36½ | 30 | 2 | 32 | 0 | 33 | 2 | 34 | 3 |
| 37 | 31 | 0 | 32 | 2 | 33 | 3 | 35 | 1 |
| 37½ | 31 | 2 | 32 | 3 | 34 | 1 | 35 | 3 |
| 38 | 31 | 3 | 33 | 1 | 34 | 3 | 36 | 1 |
| 38½ | 32 | 1 | 33 | 3 | 35 | 1 | 36 | 3 |
| 39 | 32 | 3 | 34 | 1 | 35 | 3 | 37 | 1 |
| 39½ | 33 | 0 | 34 | 2 | 36 | 1 | 37 | 3 |
| 40 | 33 | 1 | 35 | 0 | 36 | 2 | 38 | 1 |
| 40½ | 34 | 0 | 35 | 2 | 37 | 0 | 38 | 3 |
| 41 | 34 | 1 | 36 | 0 | 37 | 2 | 39 | 1 |
| 41½ | 34 | 3 | 36 | 1 | 38 | 0 | 39 | 3 |
| 42 | 35 | 1 | 36 | 3 | 38 | 2 | 40 | 1 |
| 42½ | 35 | 2 | 37 | 1 | 39 | 0 | 40 | 2 |
| 43 | 36 | 0 | 37 | 3 | 39 | 1 | 41 | 0 |
| 43½ | 36 | 2 | 38 | 0 | 39 | 3 | 41 | 2 |
| 44 | 36 | 3 | 38 | 2 | 40 | 1 | 42 | 0 |
| 44½ | 37 | 1 | 39 | 0 | 40 | 3 | 42 | 2 |
| 45 | 37 | 3 | 39 | 2 | 41 | 1 | 43 | 0 |
| 45½ | 38 | 0 | 39 | 3 | 41 | 3 | 43 | 2 |
| 46 | 38 | 2 | 40 | 1 | 42 | 0 | 44 | 0 |
| 46½ | 39 | 0 | 40 | 3 | 42 | 2 | 44 | 2 |
| 47 | 39 | 1 | 41 | 1 | 43 | 0 | 45 | 0 |
| 47½ | 39 | 3 | 41 | 2 | 43 | 2 | 45 | 2 |
| 48 | 40 | 1 | 42 | 0 | 44 | 0 | 46 | 0 |
| 48½ | 40 | 3 | 42 | 2 | 44 | 2 | 46 | 2 |
| 49 | 41 | 0 | 43 | 0 | 44 | 3 | 46 | 3 |
| 49½ | 41 | 2 | 43 | 2 | 45 | 1 | 47 | 1 |
| 50 | 42 | 0 | 43 | 3 | 45 | 3 | 47 | 3 |

| Feet Long. | Inches square. 12 | 12¼ | 12½ | 12¾ |
|---|---|---|---|---|
| | F. Q. | F. Q. | F. Q. | F. Q. |
| 1 | 1 0 | 1 0 | 1 0 | 1 0 |
| 1½ | 1 2 | 1 2 | 1 2 | 1 2 |
| 2 | 2 0 | 2 0 | 2 0 | 2 1 |
| 2½ | 2 2 | 2 2 | 2 2 | 2 3 |
| 3 | 3 0 | 3 0 | 3 1 | 3 1 |
| 3½ | 3 2 | 3 2 | 3 3 | 3 3 |
| 4 | 4 0 | 4 0 | 4 1 | 4 2 |
| 4½ | 4 2 | 4 2 | 4 3 | 5 0 |
| 5 | 5 0 | 5 0 | 5 1 | 5 2 |
| 5½ | 5 2 | 5 2 | 5 3 | 6 0 |
| 6 | 6 0 | 6 1 | 6 2 | 6 3 |
| 6½ | 6 2 | 6 3 | 7 0 | 7 1 |
| 7 | 7 0 | 7 1 | 7 2 | 7 3 |
| 7½ | 7 2 | 7 3 | 8 0 | 8 1 |
| 8 | 8 0 | 8 1 | 8 2 | 9 0 |
| 8½ | 8 2 | 8 3 | 9 0 | 9 2 |
| 9 | 9 0 | 9 1 | 9 3 | 10 0 |
| 9½ | 9 2 | 9 3 | 10 1 | 10 2 |
| 10 | 10 0 | 10 1 | 10 3 | 11 1 |
| 10½ | 10 2 | 10 3 | 11 1 | 11 3 |
| 11 | 11 0 | 11 1 | 11 3 | 12 1 |
| 11½ | 11 2 | 11 3 | 12 1 | 12 3 |
| 12 | 12 0 | 12 2 | 13 0 | 13 2 |
| 12½ | 12 2 | 13 0 | 13 2 | 14 0 |
| 13 | 13 0 | 13 2 | 14 0 | 14 2 |
| 13½ | 13 2 | 14 0 | 14 2 | 15 0 |
| 14 | 14 0 | 14 2 | 15 0 | 15 3 |
| 14½ | 14 2 | 15 0 | 15 2 | 16 1 |
| 15 | 15 0 | 15 2 | 16 1 | 16 3 |
| 15½ | 15 2 | 16 0 | 16 3 | 17 1 |
| 16 | 16 0 | 16 2 | 17 1 | 18 0 |
| 16½ | 16 2 | 17 0 | 17 3 | 18 2 |
| 17 | 17 0 | 17 2 | 18 1 | 19 0 |
| 17½ | 17 2 | 18 0 | 18 3 | 19 3 |
| 18 | 18 0 | 18 3 | 19 2 | 20 1 |
| 18½ | 18 2 | 19 1 | 20 0 | 20 3 |
| 19 | 19 0 | 19 3 | 20 2 | 21 1 |
| 19½ | 19 2 | 20 1 | 21 0 | 22 0 |
| 20 | 20 0 | 20 3 | 21 2 | 22 2 |
| 20½ | 20 2 | 21 1 | 22 0 | 23 0 |
| 21 | 21 0 | 21 3 | 22 3 | 23 2 |
| 21½ | 21 2 | 22 1 | 23 1 | 24 1 |
| 22 | 22 0 | 22 3 | 23 3 | 24 3 |
| 22½ | 22 2 | 23 1 | 24 1 | 25 1 |
| 23 | 23 0 | 23 3 | 24 3 | 25 3 |
| 23½ | 23 2 | 24 1 | 25 1 | 26 2 |
| 24 | 24 0 | 25 0 | 26 0 | 27 0 |
| 24½ | 24 2 | 25 2 | 26 2 | 27 2 |
| 25 | 25 0 | 26 0 | 27 0 | 28 0 |
| 25½ | 25 2 | 26 2 | 27 2 | 28 3 |

| Feet Long. | Inches square. 12 | 12¼ | 12½ | 12¾ |
|---|---|---|---|---|
| | F. Q | F. Q | F. Q | F. Q |
| 26 | 26 0 | 27 0 | 28 0 | 29 1 |
| 26½ | 26 2 | 27 2 | 28 3 | 29 3 |
| 27 | 27 0 | 28 0 | 29 1 | 30 1 |
| 27½ | 27 2 | 28 2 | 29 3 | 31 0 |
| 28 | 28 0 | 29 0 | 30 1 | 31 2 |
| 28½ | 28 2 | 29 2 | 30 3 | 32 0 |
| 29 | 29 0 | 30 0 | 31 1 | 32 2 |
| 29½ | 29 2 | 30 2 | 32 0 | 33 1 |
| 30 | 30 0 | 31 1 | 32 2 | 33 3 |
| 30½ | 30 2 | 31 3 | 33 0 | 34 1 |
| 31 | 31 0 | 32 1 | 33 2 | 34 3 |
| 31½ | 31 2 | 32 3 | 34 0 | 35 0 |
| 32 | 32 0 | 33 1 | 34 2 | 36 0 |
| 32½ | 32 2 | 33 3 | 35 1 | 36 2 |
| 33 | 33 0 | 34 1 | 35 3 | 37 1 |
| 33½ | 33 2 | 34 3 | 36 1 | 37 3 |
| 34 | 34 0 | 35 1 | 36 3 | 38 1 |
| 34½ | 34 2 | 35 3 | 37 1 | 38 3 |
| 35 | 35 0 | 36 1 | 37 3 | 39 2 |
| 35½ | 35 2 | 35 3 | 38 2 | 40 0 |
| 36 | 36 0 | 37 2 | 39 0 | 40 2 |
| 36½ | 36 2 | 38 0 | 39 2 | 41 0 |
| 37 | 37 0 | 38 2 | 40 0 | 41 3 |
| 37½ | 37 2 | 39 0 | 40 2 | 42 1 |
| 38 | 38 0 | 39 2 | 41 0 | 42 3 |
| 38½ | 38 2 | 40 0 | 41 3 | 43 1 |
| 39 | 39 0 | 40 2 | 42 1 | 44 0 |
| 39½ | 39 2 | 41 0 | 42 3 | 44 2 |
| 40 | 40 0 | 41 2 | 43 1 | 45 0 |
| 40½ | 40 2 | 42 0 | 43 3 | 45 2 |
| 41 | 41 0 | 42 2 | 44 1 | 46 1 |
| 41½ | 41 2 | 43 0 | 45 0 | 46 3 |
| 42 | 42 0 | 43 3 | 45 2 | 47 1 |
| 42½ | 42 2 | 44 1 | 46 0 | 47 3 |
| 43 | 43 0 | 44 3 | 46 2 | 48 2 |
| 43½ | 43 2 | 45 1 | 47 0 | 49 0 |
| 44 | 44 0 | 45 3 | 47 2 | 49 2 |
| 44½ | 44 2 | 46 1 | 48 1 | 50 0 |
| 45 | 45 0 | 46 3 | 48 3 | 50 3 |
| 45½ | 45 2 | 47 1 | 49 1 | 51 1 |
| 46 | 46 0 | 47 3 | 49 3 | 51 3 |
| 46½ | 46 2 | 48 1 | 50 1 | 52 1 |
| 47 | 47 0 | 48 3 | 50 3 | 53 0 |
| 47½ | 47 2 | 49 1 | 51 2 | 53 2 |
| 48 | 48 0 | 50 0 | 52 0 | 54 0 |
| 48½ | 48 2 | 50 2 | 52 2 | 54 3 |
| 49 | 49 0 | 51 0 | 53 0 | 55 1 |
| 49½ | 49 2 | 51 2 | 53 2 | 55 3 |
| 50 | 50 0 | 52 0 | 54 1 | 56 1 |

| Fee Long. | *Inches square.* 13 | 13¼ | 13½ | 13¾ |
|---|---|---|---|---|
| | F. Q. | F. Q. | F. Q. | F. Q. |
| 1 | 1 0 | 1 0 | 1 1 | 1 1 |
| 1½ | 1 3 | 1 3 | 1 3 | 1 3 |
| 2 | 2 1 | 2 1 | 2 2 | 2 2 |
| 2½ | 2 3 | 3 0 | 3 0 | 3 1 |
| 3 | 3 2 | 3 2 | 3 3 | 3 3 |
| 3½ | 4 0 | 4 1 | 4 1 | 4 2 |
| 4 | 4 2 | 4 3 | 5 0 | 5 1 |
| 4½ | 5 1 | 5 1 | 5 2 | 5 3 |
| 5 | 5 3 | 6 0 | 6 1 | 6 2 |
| 5½ | 6 1 | 6 2 | 6 3 | 7 0 |
| 6 | 7 0 | 7 1 | 7 2 | 7 3 |
| 6½ | 7 2 | 7 3 | 8 0 | 8 2 |
| 7 | 8 0 | 8 2 | 8 3 | 9 0 |
| 7½ | 8 3 | 9 0 | 9 1 | 9 3 |
| 8 | 9 1 | 9 3 | 10 0 | 10 2 |
| 8½ | 9 3 | 10 1 | 10 3 | 11 0 |
| 9 | 10 2 | 10 3 | 11 1 | 11 3 |
| 9½ | 11 0 | 11 2 | 12 0 | 12 1 |
| 10 | 11 2 | 12 0 | 12 2 | 13 0 |
| 10½ | 12 1 | 12 3 | 13 1 | 13 3 |
| 11 | 12 3 | 13 1 | 13 3 | 14 1 |
| 11½ | 13 1 | 14 0 | 14 2 | 15 0 |
| 12 | 14 0 | 14 2 | 15 0 | 15 3 |
| 12½ | 14 2 | 15 0 | 15 3 | 16 1 |
| 13 | 15 1 | 15 3 | 16 1 | 17 0 |
| 13½ | 15 3 | 16 1 | 17 0 | 17 2 |
| 14 | 16 1 | 17 0 | 17 2 | 18 1 |
| 14½ | 17 0 | 17 2 | 18 1 | 19 0 |
| 15 | 17 2 | 18 1 | 18 3 | 19 2 |
| 15½ | 18 0 | 18 3 | 19 2 | 20 1 |
| 16 | 18 3 | 19 2 | 20 1 | 21 0 |
| 16½ | 19 1 | 20 0 | 20 3 | 21 2 |
| 17 | 19 3 | 20 2 | 21 2 | 22 1 |
| 17½ | 20 2 | 21 1 | 22 0 | 22 3 |
| 18 | 21 0 | 21 3 | 22 3 | 23 2 |
| 18½ | 21 2 | 22 2 | 23 1 | 24 1 |
| 19 | 22 1 | 23 0 | 24 0 | 24 3 |
| 19½ | 22 3 | 23 3 | 24 2 | 25 2 |
| 20 | 23 1 | 24 1 | 25 1 | 26 1 |
| 20½ | 24 0 | 24 3 | 25 3 | 26 3 |
| 21 | 24 2 | 25 2 | 26 2 | 27 2 |
| 21½ | 25 0 | 26 0 | 27 0 | 28 0 |
| 22 | 25 3 | 26 3 | 27 3 | 28 3 |
| 22½ | 26 1 | 27 1 | 28 1 | 29 2 |
| 23 | 26 3 | 28 0 | 29 0 | 30 0 |
| 23½ | 27 2 | 28 2 | 29 2 | 30 3 |
| 24 | 28 0 | 29 1 | 30 1 | 31 2 |
| 24½ | 28 3 | 29 3 | 31 0 | 32 0 |
| 25 | 29 1 | 30 1 | 31 2 | 32 3 |
| 25½ | 29 3 | 31 0 | 32 1 | 33 1 |

| Feet Long. | *nches square.* 13 | 13¼ | 13½ | 13¾ |
|---|---|---|---|---|
| | F. Q. | F. Q. | F. Q. | F. Q. |
| 26 | 30 2 | 31 2 | 32 3 | 34 0 |
| 26½ | 31 0 | 32 1 | 33 2 | 34 3 |
| 27 | 31 2 | 32 3 | 34 0 | 35 1 |
| 27½ | 32 1 | 33 2 | 34 3 | 36 0 |
| 28 | 32 3 | 34 0 | 35 1 | 36 3 |
| 28½ | 33 1 | 34 2 | 36 0 | 37 1 |
| 29 | 34 0 | 35 1 | 36 2 | 38 0 |
| 29½ | 34 2 | 35 3 | 37 1 | 38 2 |
| 30 | 35 0 | 36 2 | 37 3 | 39 1 |
| 30½ | 35 3 | 37 0 | 38 2 | 40 0 |
| 31 | 36 1 | 37 3 | 39 0 | 40 2 |
| 31½ | 36 3 | 38 1 | 39 3 | 41 1 |
| 32 | 37 2 | 39 0 | 40 2 | 42 0 |
| 32½ | 38 0 | 39 2 | 41 0 | 42 2 |
| 33 | 38 2 | 40 0 | 41 3 | 43 1 |
| 33½ | 39 1 | 40 3 | 42 1 | 43 3 |
| 34 | 39 3 | 41 1 | 43 0 | 44 2 |
| 34½ | 40 1 | 42 0 | 43 2 | 45 1 |
| 35 | 41 0 | 42 2 | 44 1 | 45 3 |
| 35½ | 41 2 | 43 1 | 44 3 | 46 2 |
| 36 | 42 1 | 43 3 | 45 2 | 47 1 |
| 36½ | 42 3 | 44 2 | 46 0 | 47 3 |
| 37 | 43 1 | 45 0 | 46 3 | 48 2 |
| 37½ | 44 0 | 25 2 | 47 1 | 49 0 |
| 38 | 44 2 | 46 1 | 48 0 | 49 3 |
| 38¼ | 45 0 | 46 3 | 48 2 | 50 2 |
| 39 | 45 3 | 47 2 | 49 1 | 51 0 |
| 39½ | 46 1 | 48 0 | 49 3 | 51 3 |
| 40 | 46 3 | 48 3 | 50 2 | 52 2 |
| 40½ | 47 2 | 49 1 | 51 1 | 53 0 |
| 41 | 48 0 | 49 3 | 51 3 | 53 3 |
| 41½ | 48 2 | 50 2 | 52 2 | 54 1 |
| 42 | 49 1 | 51 0 | 53 0 | 55 0 |
| 42¼ | 49 3 | 51 3 | 53 3 | 55 3 |
| 43 | 50 1 | 52 1 | 54 1 | 56 1 |
| 43½ | 51 0 | 53 0 | 55 0 | 57 0 |
| 44 | 51 2 | 53 2 | 55 2 | 57 3 |
| 44½ | 52 0 | 54 1 | 56 1 | 58 1 |
| 45 | 52 3 | 54 3 | 56 3 | 59 0 |
| 45½ | 53 1 | 55 1 | 57 2 | 59 2 |
| 46 | 53 3 | 56 0 | 58 0 | 60 1 |
| 46½ | 54 2 | 56 2 | 58 3 | 61 0 |
| 47 | 55 0 | 57 1 | 59 1 | 61 2 |
| 47½ | 55 2 | 57 3 | 60 0 | 62 1 |
| 48 | 56 1 | 58 2 | 60 3 | 63 0 |
| 48½ | 56 3 | 59 0 | 61 1 | 63 2 |
| 49 | 57 2 | 59 2 | 62 0 | 64 1 |
| 49½ | 58 0 | 60 1 | 62 2 | 64 3 |
| 50 | 58 2 | 60 3 | 63 1 | 65 2 |

| Feet Long. | *Inches square.* 14 | 14¼ | 14½ | 14¾ | Feet Long. | *Inches square.* 14 | 14¼ | 14½ | 14¾ |
|---|---|---|---|---|---|---|---|---|---|
| | F. Q. | F. Q. | F. Q. | F. Q. | | F. Q. | F. Q. | F. Q. | F. Q. |
| 1 | 1 1 | 1 1 | 1 1 | 1 2 | 26 | 35 1 | 36 2 | 37 3 | 39 1 |
| 1½ | 2 0 | 2 0 | 2 0 | 2 1 | 26½ | 36 0 | 37 1 | 38 2 | 40 0 |
| 2 | 2 2 | 2 3 | 2 3 | 3 0 | 27 | 36 3 | 38 0 | 39 1 | 40 3 |
| 2½ | 3 1 | 3 2 | 3 2 | 3 3 | 27½ | 37 1 | 38 3 | 40 0 | 41 2 |
| 3 | 4 0 | 4 0 | 4 1 | 4 2 | 28 | 38 0 | 39 1 | 40 3 | 42 1 |
| 3½ | 4 3 | 4 3 | 5 0 | 5 1 | 28½ | 38 3 | 40 0 | 41 2 | 43 0 |
| 4 | 5 1 | 5 2 | 5 3 | 6 0 | 29 | 39 1 | 40 3 | 42 1 | 43 3 |
| 4½ | 6 0 | 6 1 | 6 2 | 6 3 | 29½ | 40 0 | 41 2 | 43 0 | 44 2 |
| 5 | 6 3 | 7 0 | 7 1 | 7 2 | 30 | 40 3 | 42 1 | 43 3 | 45 1 |
| 5½ | 7 1 | 7 3 | 8 0 | 8 1 | 30½ | 41 2 | 43 0 | 44 2 | 46 0 |
| 6 | 8 0 | 8 1 | 8 3 | 9 0 | 31 | 42 0 | 43 2 | 45 1 | 46 3 |
| 6½ | 8 3 | 9 0 | 9 1 | 9 3 | 31½ | 42 3 | 44 1 | 45 3 | 47 2 |
| 7 | 9 2 | 9 3 | 10 0 | 10 2 | 32 | 43 2 | 45 0 | 46 2 | 48 1 |
| 7½ | 10 0 | 10 2 | 10 3 | 11 1 | 32½ | 44 0 | 45 3 | 47 1 | 49 0 |
| 8 | 10 3 | 11 1 | 11 2 | 12 0 | 33 | 44 3 | 46 2 | 48 0 | 49 3 |
| 8½ | 11 2 | 11 3 | 12 1 | 12 3 | 33½ | 45 2 | 47 0 | 48 3 | 50 2 |
| 9 | 12 1 | 12 2 | 13 0 | 13 2 | 34 | 46 1 | 47 3 | 49 2 | 51 1 |
| 9½ | 12 3 | 13 1 | 13 3 | 14 1 | 34½ | 46 3 | 48 2 | 50 1 | 52 0 |
| 10 | 13 2 | 14 0 | 14 2 | 15 0 | 35 | 47 2 | 49 1 | 51 0 | 52 3 |
| 10½ | 14 1 | 14 3 | 15 1 | 15 3 | 35½ | 48 1 | 50 0 | 51 3 | 53 2 |
| 11 | 14 3 | 15 2 | 16 0 | 16 2 | 36 | 49 0 | 50 3 | 52 2 | 54 1 |
| 11½ | 15 2 | 16 0 | 16 3 | 17 1 | 36½ | 49 2 | 51 1 | 53 1 | 55 0 |
| 12 | 16 1 | 16 3 | 17 2 | 18 0 | 37 | 50 1 | 52 0 | 54 0 | 55 3 |
| 12½ | 17 0 | 17 2 | 18 1 | 18 3 | 37½ | 51 0 | 52 3 | 54 3 | 56 2 |
| 13 | 17 2 | 18 1 | 18 3 | 19 2 | 38 | 51 2 | 53 2 | 55 1 | 57 1 |
| 13½ | 18 1 | 19 0 | 19 2 | 20 1 | 38½ | 52 1 | 54 1 | 56 0 | 58 0 |
| 14 | 19 0 | 19 2 | 20 2 | 21 0 | 39 | 53 0 | 54 2 | 56 3 | 58 3 |
| 14½ | 19 2 | 20 1 | 21 0 | 21 3 | 39½ | 53 3 | 55 1 | 57 2 | 59 2 |
| 15 | 20 1 | 21 0 | 21 3 | 22 2 | 40 | 54 1 | 56 1 | 58 1 | 60 1 |
| 15½ | 21 0 | 21 3 | 22 2 | 23 1 | 40½ | 55 0 | 57 3 | 59 0 | 61 0 |
| 16 | 21 3 | 22 2 | 23 1 | 24 0 | 41 | 55 3 | 57 3 | 59 3 | 61 3 |
| 16½ | 22 1 | 23 1 | 24 0 | 24 3 | 41½ | 56 1 | 58 2 | 60 2 | 62 2 |
| 17 | 23 0 | 23 3 | 24 3 | 25 2 | 42 | 57 0 | 59 0 | 61 1 | 63 1 |
| 17½ | 23 3 | 24 2 | 25 2 | 26 1 | 42½ | 57 3 | 59 3 | 62 0 | 64 0 |
| 18 | 24 2 | 25 1 | 26 1 | 27 0 | 43 | 58 2 | 60 2 | 62 3 | 64 3 |
| 18½ | 25 0 | 26 0 | 27 0 | 27 3 | 43½ | 59 0 | 61 1 | 63 2 | 65 2 |
| 19 | 25 3 | 26 3 | 27 2 | 28 2 | 44 | 59 3 | 62 0 | 64 0 | 66 1 |
| 19½ | 26 2 | 27 1 | 28 1 | 29 1 | 44½ | 60 2 | 62 3 | 64 3 | 67 0 |
| 20 | 27 0 | 28 0 | 29 0 | 30 0 | 45 | 61 1 | 63 1 | 65 2 | 67 3 |
| 20½ | 27 3 | 28 3 | 29 3 | 30 3 | 45½ | 61 3 | 64 0 | 66 1 | 68 2 |
| 21 | 28 2 | 29 2 | 30 2 | 31 2 | 46 | 62 2 | 64 3 | 67 0 | 69 1 |
| 21½ | 29 1 | 30 1 | 31 1 | 32 1 | 46½ | 63 1 | 65 2 | 67 3 | 70 1 |
| 22 | 29 3 | 31 1 | 32 0 | 33 0 | 47 | 63 3 | 66 1 | 68 2 | 71 0 |
| 22½ | 30 2 | 31 2 | 32 3 | 33 3 | 47½ | 64 2 | 66 3 | 69 1 | 71 3 |
| 23 | 31 1 | 32 1 | 33 2 | 34 2 | 48 | 65 1 | 67 2 | 70 0 | 72 2 |
| 23½ | 31 3 | 33 0 | 34 1 | 35 2 | 48½ | 66 0 | 68 1 | 70 3 | 73 1 |
| 24 | 32 2 | 33 3 | 35 0 | 36 1 | 49 | 66 2 | 69 0 | 71 2 | 74 0 |
| 24½ | 33 1 | 34 2 | 35 3 | 37 0 | 49½ | 67 1 | 69 3 | 72 1 | 74 3 |
| 25 | 34 0 | 35 1 | 36 2 | 37 3 | 50 | 68 0 | 70 2 | 73 0 | 75 2 |
| 25½ | 34 2 | 35 3 | 37 0 | 38 2 | | | | | |

| Feet Long. | Inches square. 15 | 15¼ | 15½ | 15¾ |
|---|---|---|---|---|
| | F. Q. | F. Q. | F. Q. | F. Q. |
| 1 | 1 2 | 1 2 | 1 2 | 1 2 |
| 1½ | 2 1 | 2 1 | 2 2 | 2 2 |
| 2 | 3 0 | 3 0 | 3 1 | 3 1 |
| 2½ | 3 3 | 4 0 | 4 0 | 4 1 |
| 3 | 4 2 | 4 3 | 5 0 | 5 0 |
| 3½ | 5 1 | 5 2 | 5 3 | 6 0 |
| 4 | 6 1 | 6 1 | 6 2 | 6 3 |
| 4½ | 7 0 | 7 1 | 7 2 | 7 3 |
| 5 | 7 3 | 8 0 | 8 1 | 8 2 |
| 5½ | 8 2 | 8 3 | 9 0 | 9 1 |
| 6 | 9 1 | 9 2 | 10 0 | 10 1 |
| 6½ | 10 0 | 10 1 | 10 3 | 11 0 |
| 7 | 10 3 | 11 1 | 11 2 | 12 0 |
| 7½ | 11 2 | 12 0 | 12 2 | 12 3 |
| 8 | 12 2 | 12 3 | 13 1 | 13 3 |
| 8½ | 13 1 | 13 2 | 14 0 | 14 2 |
| 9 | 14 0 | 14 2 | 15 0 | 15 2 |
| 9½ | 14 3 | 15 1 | 15 3 | 16 1 |
| 10 | 15 2 | 16 0 | 16 2 | 17 0 |
| 10½ | 16 1 | 16 3 | 17 2 | 18 0 |
| 11 | 17 0 | 17 3 | 18 1 | 18 3 |
| 11½ | 17 3 | 18 2 | 19 0 | 19 3 |
| 12 | 18 3 | 19 1 | 20 0 | 20 2 |
| 12½ | 19 2 | 20 0 | 20 3 | 21 2 |
| 13 | 20 1 | 20 3 | 21 2 | 22 1 |
| 13½ | 21 0 | 21 3 | 22 2 | 23 1 |
| 14 | 21 3 | 22 2 | 23 1 | 24 0 |
| 14½ | 22 2 | 23 1 | 24 0 | 24 3 |
| 15 | 23 1 | 24 0 | 25 0 | 25 3 |
| 15½ | 24 0 | 25 0 | 25 3 | 26 2 |
| 16 | 25 0 | 25 3 | 26 2 | 27 2 |
| 16½ | 25 3 | 26 2 | 27 2 | 28 1 |
| 17 | 26 2 | 27 1 | 28 1 | 29 1 |
| 17½ | 27 1 | 28 1 | 29 0 | 30 0 |
| 18 | 28 0 | 29 0 | 30 0 | 31 0 |
| 18½ | 28 3 | 29 3 | 30 3 | 31 3 |
| 19 | 29 2 | 30 2 | 31 2 | 32 2 |
| 19½ | 30 1 | 31 1 | 32 2 | 33 2 |
| 20 | 31 1 | 32 1 | 33 1 | 34 1 |
| 20½ | 32 0 | 33 0 | 34 0 | 35 1 |
| 21 | 32 3 | 33 3 | 35 0 | 36 0 |
| 21½ | 33 2 | 34 2 | 35 3 | 37 0 |
| 22 | 34 1 | 35 2 | 36 2 | 37 3 |
| 22½ | 35 0 | 36 1 | 37 2 | 38 3 |
| 23 | 35 3 | 37 0 | 38 1 | 39 2 |
| 23½ | 36 2 | 37 3 | 39 0 | 40 1 |
| 24 | 37 2 | 38 3 | 40 0 | 41 1 |
| 24½ | 38 1 | 39 2 | 40 3 | 42 0 |
| 25 | 39 0 | 40 1 | 41 2 | 43 0 |
| 25½ | 39 3 | 41 0 | 42 2 | 43 3 |

| Feet Long. | Inches square. 15 | 15¼ | 15½ | 15¾ |
|---|---|---|---|---|
| | F. Q. | F. Q. | F. Q. | F. Q. |
| 26 | 40 2 | 41 3 | 43 1 | 44 3 |
| 26½ | 41 1 | 42 3 | 44 0 | 45 2 |
| 27 | 42 0 | 43 2 | 45 0 | 46 2 |
| 27½ | 42 3 | 44 1 | 45 3 | 47 1 |
| 28 | 43 3 | 45 0 | 46 2 | 48 0 |
| 28½ | 44 2 | 46 0 | 47 2 | 49 0 |
| 29 | 45 1 | 46 3 | 48 1 | 49 3 |
| 29½ | 46 0 | 47 2 | 49 0 | 50 3 |
| 30 | 46 3 | 48 1 | 50 0 | 51 2 |
| 30½ | 47 2 | 49 1 | 50 3 | 52 2 |
| 31 | 48 1 | 50 0 | 51 2 | 53 1 |
| 31½ | 49 0 | 50 3 | 52 2 | 54 1 |
| 32 | 50 0 | 51 2 | 53 1 | 55 0 |
| 32½ | 50 3 | 52 1 | 54 0 | 55 3 |
| 33 | 51 2 | 53 1 | 55 0 | 56 3 |
| 33½ | 52 1 | 54 0 | 55 3 | 57 2 |
| 34 | 53 0 | 54 3 | 55 2 | 58 2 |
| 34½ | 53 3 | 55 2 | 57 2 | 59 1 |
| 35 | 54 2 | 56 2 | 58 1 | 60 1 |
| 35½ | 55 1 | 57 1 | 59 0 | 61 0 |
| 36 | 56 1 | 58 0 | 60 0 | 62 0 |
| 36½ | 57 0 | 58 3 | 60 3 | 62 3 |
| 37 | 57 3 | 59 3 | 61 2 | 63 2 |
| 37½ | 58 2 | 60 2 | 62 2 | 64 2 |
| 38 | 59 1 | 61 1 | 63 1 | 65 1 |
| 38½ | 60 0 | 62 0 | 64 0 | 65 1 |
| 39 | 60 3 | 62 3 | 65 0 | 67 0 |
| 39½ | 61 2 | 63 3 | 65 3 | 68 0 |
| 40 | 62 2 | 64 2 | 66 2 | 68 3 |
| 40½ | 63 1 | 65 1 | 67 2 | 69 3 |
| 41 | 64 0 | 66 0 | 68 1 | 70 2 |
| 41½ | 64 3 | 67 0 | 69 0 | 71 1 |
| 42 | 65 2 | 67 3 | 70 0 | 72 1 |
| 42½ | 66 1 | 68 2 | 70 3 | 73 0 |
| 43 | 67 0 | 69 1 | 71 2 | 74 0 |
| 43½ | 67 3 | 70 1 | 72 2 | 74 3 |
| 44 | 68 3 | 71 0 | 73 1 | 75 3 |
| 44½ | 69 2 | 71 3 | 74 0 | 76 2 |
| 45 | 70 1 | 72 2 | 75 0 | 77 2 |
| 45½ | 71 0 | 73 1 | 75 3 | 78 1 |
| 46 | 71 3 | 74 1 | 76 2 | 79 0 |
| 46½ | 72 2 | 75 0 | 77 2 | 80 0 |
| 47 | 73 1 | 75 3 | 78 1 | 80 3 |
| 47½ | 74 0 | 76 2 | 79 0 | 81 3 |
| 48 | 75 0 | 77 2 | 80 0 | 82 2 |
| 48½ | 75 3 | 78 1 | 80 3 | 83 2 |
| 49 | 76 2 | 79 0 | 81 3 | 84 1 |
| 49½ | 77 1 | 79 3 | 82 2 | 85 1 |
| 50 | 78 0 | 80 3 | 83 1 | 86 0 |

| Feet Long. | *Inches square.* | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | 16 | | 16¼ | | 16½ | | 16¾ | |
| | F. | Q. | F. | Q. | F. | Q. | F. | Q. |
| 1 | 1 | 3 | 1 | 3 | 1 | 3 | 1 | 3 |
| 1½ | 2 | 2 | 2 | 3 | 2 | 3 | 2 | 3 |
| 2 | 3 | 2 | 3 | 2 | 3 | 3 | 3 | 3 |
| 2½ | 4 | 1 | 4 | 2 | 4 | 2 | 4 | 3 |
| 3 | 5 | 1 | 5 | 2 | 5 | 2 | 5 | 3 |
| 3½ | 6 | 0 | 6 | 1 | 6 | 2 | 6 | 3 |
| 4 | 7 | 0 | 7 | 1 | 7 | 2 | 7 | 3 |
| 4½ | 8 | 0 | 8 | 1 | 8 | 2 | 8 | 3 |
| 5 | 8 | 3 | 9 | 0 | 9 | 1 | 9 | 2 |
| 5½ | 9 | 3 | 10 | 0 | 10 | 1 | 10 | 2 |
| 6 | 10 | 2 | 11 | 0 | 11 | 1 | 11 | 2 |
| 6½ | 11 | 2 | 11 | 3 | 12 | 1 | 12 | 2 |
| 7 | 12 | 1 | 12 | 3 | 13 | 0 | 13 | 2 |
| 7½ | 13 | 1 | 13 | 3 | 14 | 0 | 14 | 2 |
| 8 | 14 | 0 | 14 | 2 | 15 | 0 | 15 | 2 |
| 8½ | 15 | 0 | 15 | 2 | 16 | 0 | 16 | 2 |
| 9 | 16 | 0 | 16 | 2 | 17 | 0 | 17 | 2 |
| 9½ | 16 | 3 | 17 | 1 | 17 | 3 | 18 | 2 |
| 10 | 17 | 3 | 18 | 1 | 18 | 3 | 19 | 1 |
| 10½ | 18 | 2 | 19 | 1 | 19 | 3 | 20 | 1 |
| 11 | 19 | 2 | 20 | 0 | 20 | 3 | 21 | 1 |
| 11½ | 20 | 1 | 21 | 0 | 21 | 2 | 22 | 1 |
| 12 | 21 | 1 | 22 | 0 | 22 | 2 | 23 | 1 |
| 12½ | 22 | 0 | 22 | 3 | 23 | 2 | 24 | 1 |
| 13 | 23 | 0 | 23 | 3 | 24 | 2 | 25 | 1 |
| 13½ | 24 | 0 | 24 | 3 | 25 | 2 | 26 | 1 |
| 14 | 24 | 3 | 25 | 2 | 26 | 1 | 27 | 1 |
| 14½ | 25 | 3 | 26 | 2 | 27 | 1 | 28 | 1 |
| 15 | 26 | 2 | 27 | 2 | 28 | 1 | 29 | 0 |
| 15½ | 27 | 2 | 28 | 1 | 29 | 1 | 30 | 0 |
| 16 | 28 | 1 | 29 | 1 | 30 | 1 | 31 | 0 |
| 16½ | 29 | 1 | 30 | 1 | 31 | 0 | 32 | 0 |
| 17 | 30 | 0 | 31 | 0 | 32 | 0 | 33 | 0 |
| 17½ | 31 | 0 | 32 | 0 | 33 | 0 | 34 | 0 |
| 18 | 32 | 0 | 33 | 0 | 34 | 0 | 35 | 0 |
| 18½ | 32 | 3 | 33 | 3 | 34 | 3 | 36 | 0 |
| 19 | 33 | 3 | 34 | 3 | 35 | 3 | 37 | 0 |
| 19½ | 34 | 2 | 35 | 3 | 36 | 3 | 37 | 3 |
| 20 | 35 | 2 | 36 | 2 | 37 | 3 | 38 | 3 |
| 20½ | 36 | 1 | 37 | 2 | 38 | 3 | 39 | 3 |
| 21 | 37 | 1 | 38 | 2 | 39 | 2 | 40 | 3 |
| 21½ | 38 | 0 | 39 | 1 | 40 | 2 | 41 | 3 |
| 22 | 39 | 0 | 40 | 1 | 41 | 2 | 42 | 3 |
| 22½ | 40 | 0 | 41 | 1 | 42 | 2 | 43 | 3 |
| 23 | 40 | 3 | 42 | 0 | 43 | 1 | 44 | 3 |
| 23½ | 41 | 3 | 43 | 0 | 44 | 1 | 45 | 3 |
| 24 | 42 | 2 | 44 | 0 | 45 | 1 | 46 | 3 |
| 24½ | 43 | 2 | 44 | 3 | 46 | 1 | 47 | 2 |
| 25 | 44 | 1 | 45 | 3 | 47 | 1 | 48 | 2 |
| 25½ | 45 | 1 | 46 | 3 | 48 | 0 | 49 | 2 |

| Feet Long. | *Inches square.* | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | 16 | | 16¼ | | 16½ | | 16¾ | |
| | F. | Q. | F. | Q. | F. | Q. | F. | Q. |
| 26 | 46 | 0 | 47 | 2 | 49 | 0 | 50 | 2 |
| 26½ | 47 | 0 | 48 | 2 | 50 | 0 | 51 | 2 |
| 27 | 48 | 0 | 49 | 2 | 51 | 0 | 52 | 2 |
| 27½ | 48 | 3 | 50 | 1 | 51 | 3 | 53 | 2 |
| 28 | 49 | 3 | 51 | 1 | 52 | 3 | 54 | 2 |
| 28½ | 50 | 2 | 52 | 1 | 53 | 3 | 55 | 2 |
| 29 | 51 | 2 | 53 | 0 | 54 | 3 | 56 | 2 |
| 29½ | 52 | 1 | 54 | 0 | 55 | 3 | 57 | 1 |
| 30 | 53 | 1 | 55 | 0 | 56 | 2 | 58 | 1 |
| 30½ | 54 | 0 | 55 | 3 | 57 | 2 | 59 | 1 |
| 31 | 55 | 0 | 56 | 3 | 58 | 2 | 60 | 1 |
| 31½ | 56 | 0 | 57 | 3 | 59 | 2 | 61 | 1 |
| 32 | 56 | 3 | 58 | 2 | 60 | 2 | 62 | 1 |
| 32½ | 57 | 3 | 59 | 2 | 61 | 1 | 63 | 1 |
| 33 | 58 | 2 | 60 | 2 | 62 | 1 | 64 | 1 |
| 33½ | 59 | 2 | 61 | 1 | 63 | 1 | 65 | 1 |
| 34 | 60 | 1 | 62 | 1 | 64 | 1 | 66 | 0 |
| 34½ | 61 | 1 | 63 | 1 | 65 | 0 | 67 | 0 |
| 35 | 62 | 0 | 64 | 0 | 66 | 0 | 68 | 0 |
| 35½ | 63 | 0 | 65 | 0 | 67 | 0 | 69 | 0 |
| 36 | 64 | 0 | 66 | 0 | 68 | 0 | 70 | 0 |
| 36½ | 64 | 3 | 66 | 3 | 69 | 0 | 71 | 0 |
| 37 | 65 | 3 | 67 | 3 | 69 | 3 | 72 | 0 |
| 37½ | 66 | 2 | 68 | 3 | 70 | 3 | 73 | 0 |
| 38 | 67 | 2 | 69 | 2 | 71 | 3 | 74 | 0 |
| 38½ | 68 | 1 | 70 | 2 | 72 | 3 | 75 | 0 |
| 39 | 69 | 1 | 71 | 2 | 73 | 2 | 75 | 3 |
| 39½ | 70 | 0 | 72 | 1 | 74 | 2 | 76 | 3 |
| 40 | 71 | 0 | 73 | 1 | 75 | 2 | 77 | 3 |
| 40½ | 72 | 0 | 74 | 1 | 76 | 2 | 78 | 3 |
| 41 | 72 | 3 | 75 | 0 | 77 | 2 | 79 | 3 |
| 41½ | 73 | 3 | 76 | 0 | 78 | 1 | 80 | 3 |
| 42 | 74 | 2 | 77 | 0 | 79 | 1 | 81 | 3 |
| 42½ | 75 | 2 | 77 | 3 | 80 | 1 | 82 | 3 |
| 43 | 76 | 1 | 78 | 3 | 81 | 1 | 83 | 3 |
| 43½ | 77 | 1 | 79 | 3 | 82 | 0 | 84 | 3 |
| 44 | 78 | 0 | 80 | 2 | 83 | 0 | 85 | 2 |
| 44½ | 79 | 0 | 81 | 2 | 84 | 0 | 86 | 2 |
| 45 | 80 | 0 | 82 | 2 | 85 | 0 | 87 | 2 |
| 45½ | 80 | 3 | 83 | 1 | 86 | 0 | 88 | 2 |
| 46 | 81 | 3 | 84 | 1 | 86 | 3 | 89 | 2 |
| 46½ | 82 | 2 | 85 | 1 | 87 | 3 | 90 | 2 |
| 47 | 83 | 2 | 86 | 0 | 88 | 3 | 91 | 2 |
| 47½ | 84 | 1 | 87 | 0 | 89 | 3 | 92 | 2 |
| 48 | 85 | 1 | 88 | 0 | 90 | 3 | 93 | 2 |
| 48½ | 86 | 0 | 88 | 3 | 91 | 2 | 94 | 1 |
| 49 | 87 | 0 | 89 | 3 | 92 | 2 | 95 | 1 |
| 49½ | 88 | 0 | 90 | 3 | 93 | 2 | 96 | 1 |
| 50 | 88 | 3 | 91 | 2 | 94 | 2 | 97 | 1 |

| Feet Long. | Inches square. | | | | Feet Long. | Inches square. | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 17 | 17¼ | 17½ | 17¾ | | 17 | 17¼ | 17½ | 17¾ |
| | F. Q. | F. Q. | F. Q. | F. Q. | | F. Q. | F. Q. | F. Q. | F. Q. |
| 1 | 2 0 | 2 0 | 2 0 | 2 0 | 26 | 52 0 | 53 2 | 55 1 | 56 3 |
| 1½ | 3 0 | 3 0 | 3 0 | 3 1 | 26½ | 53 0 | 54 3 | 56 1 | 57 3 |
| 2 | 4 0 | 4 0 | 4 1 | 4 1 | 27 | 54 0 | 55 3 | 57 1 | 59 0 |
| 2½ | 5 0 | 5 0 | 5 1 | 5 1 | 27½ | 55 0 | 56 3 | 58 1 | 60 0 |
| 3 | 6 0 | 6 0 | 6 1 | 6 2 | 28 | 56 0 | 57 3 | 59 2 | 61 1 |
| 3½ | 7 0 | 7 0 | 7 1 | 7 2 | 28½ | 57 0 | 58 3 | 60 2 | 62 1 |
| 4 | 8 0 | 8 1 | 8 2 | 8 3 | 29 | 58 0 | 59 3 | 61 2 | 63 1 |
| 4½ | 9 0 | 9 1 | 9 2 | 9 3 | 29½ | 59 0 | 60 3 | 62 2 | 64 2 |
| 5 | 10 0 | 10 1 | 10 2 | 10 3 | 30 | 60 0 | 61 3 | 63 3 | 65 2 |
| 5½ | 11 0 | 11 1 | 11 2 | 12 0 | 30½ | 61 0 | 63 0 | 64 3 | 66 2 |
| 6 | 12 0 | 12 1 | 12 3 | 13 0 | 31 | 62 0 | 64 0 | 65 3 | 67 3 |
| 6½ | 13 0 | 13 1 | 13 3 | 14 0 | 31½ | 63 0 | 65 0 | 66 3 | 68 3 |
| 7 | 14 0 | 14 1 | 14 3 | 15 1 | 32 | 64 0 | 66 0 | 68 0 | 70 0 |
| 7½ | 15 0 | 15 1 | 15 3 | 16 1 | 32½ | 65 0 | 67 0 | 69 0 | 71 0 |
| 8 | 16 0 | 16 2 | 17 0 | 17 2 | 33 | 66 0 | 68 0 | 70 0 | 72 0 |
| 8½ | 17 0 | 17 2 | 18 0 | 18 2 | 33½ | 67 0 | 69 0 | 71 0 | 73 1 |
| 9 | 18 0 | 18 2 | 19 0 | 19 2 | 34 | 68 0 | 70 1 | 72 1 | 74 1 |
| 9½ | 19 0 | 19 2 | 20 0 | 20 3 | 34½ | 69 0 | 71 1 | 73 1 | 75 1 |
| 10 | 20 0 | 20 2 | 21 1 | 21 3 | 35 | 70 0 | 72 1 | 74 1 | 76 2 |
| 10½ | 21 0 | 21 2 | 22 1 | 22 3 | 35½ | 71 0 | 73 1 | 75 1 | 77 2 |
| 11 | 22 0 | 22 2 | 23 1 | 24 0 | 36 | 72 1 | 74 1 | 76 2 | 78 3 |
| 11½ | 23 0 | 23 3 | 24 1 | 25 0 | 36½ | 73 1 | 75 1 | 77 2 | 79 3 |
| 12 | 24 0 | 24 3 | 25 2 | 26 1 | 37 | 74 1 | 76 1 | 78 2 | 80 3 |
| 12½ | 25 0 | 25 3 | 26 2 | 27 1 | 37½ | 75 1 | 77 1 | 79 3 | 82 0 |
| 13 | 26 0 | 26 3 | 27 2 | 28 1 | 38 | 76 1 | 78 2 | 80 3 | 83 0 |
| 13½ | 27 0 | 27 3 | 28 2 | 29 2 | 38½ | 77 1 | 79 2 | 81 3 | 84 0 |
| 14 | 28 0 | 28 3 | 29 3 | 30 2 | 39 | 78 1 | 80 2 | 82 3 | 85 1 |
| 14½ | 29 0 | 29 3 | 30 3 | 31 2 | 39½ | 79 1 | 81 2 | 84 0 | 86 1 |
| 15 | 30 0 | 30 3 | 31 3 | 32 3 | 40 | 80 1 | 82 2 | 85 0 | 87 2 |
| 15½ | 31 0 | 32 0 | 32 3 | 33 3 | 40½ | 81 1 | 83 2 | 85 0 | 88 2 |
| 16 | 32 0 | 33 0 | 34 0 | 35 0 | 41 | 82 1 | 84 2 | 87 0 | 89 2 |
| 16½ | 33 0 | 34 0 | 35 0 | 36 0 | 41½ | 83 1 | 85 3 | 88 1 | 90 3 |
| 17 | 34 0 | 35 0 | 36 0 | 37 0 | 42 | 84 1 | 86 3 | 89 1 | 91 3 |
| 17½ | 35 0 | 36 0 | 37 0 | 38 1 | 42½ | 85 1 | 87 3 | 90 1 | 92 3 |
| 18 | 36 0 | 37 0 | 38 1 | 39 1 | 43 | 86 1 | 88 3 | 91 1 | 94 0 |
| 18½ | 37 0 | 38 0 | 39 1 | 40 1 | 43½ | 87 1 | 89 3 | 92 2 | 95 0 |
| 19 | 38 0 | 39 1 | 40 1 | 41 2 | 44 | 88 1 | 90 3 | 93 2 | 96 1 |
| 19½ | 39 0 | 40 1 | 41 1 | 42 2 | 44½ | 89 1 | 91 3 | 94 2 | 97 1 |
| 20 | 40 0 | 41 1 | 42 2 | 43 3 | 45 | 90 1 | 92 3 | 95 2 | 98 1 |
| 20½ | 41 0 | 42 1 | 43 2 | 44 3 | 45½ | 91 1 | 94 0 | 96 3 | 99 2 |
| 21 | 42 0 | 43 1 | 44 2 | 45 3 | 46 | 92 1 | 95 0 | 97 3 | 100 2 |
| 21½ | 43 0 | 44 1 | 45 2 | 47 0 | 46½ | 93 1 | 96 0 | 98 3 | 101 2 |
| 22 | 44 0 | 45 1 | 46 3 | 48 0 | 47 | 94 1 | 97 0 | 99 3 | 102 3 |
| 22½ | 45 0 | 46 1 | 47 3 | 49 0 | 47½ | 95 1 | 98 0 | 101 0 | 103 3 |
| 23 | 46 0 | 47 2 | 48 3 | 50 1 | 48 | 96 1 | 99 0 | 102 0 | 105 0 |
| 23½ | 47 0 | 48 2 | 49 3 | 51 1 | 48½ | 97 1 | 100 0 | 103 0 | 106 0 |
| 24 | 48 0 | 49 2 | 51 0 | 52 2 | 49 | 98 1 | 101 1 | 104 0 | 107 0 |
| 24½ | 49 0 | 50 2 | 52 0 | 53 2 | 49½ | 99 1 | 102 1 | 105 1 | 108 1 |
| 25 | 50 0 | 51 2 | 53 0 | 54 2 | 50 | 100 1 | 103 1 | 106 1 | 109 1 |
| 25½ | 51 0 | 52 2 | 54 0 | 55 3 | | | | | |

| Feet Long. | Inches square. 18 | 18¼ | 18½ | 18¾ | Feet Long. | Inches square. 18 | 18¼ | 18½ | 18¾ |
|---|---|---|---|---|---|---|---|---|---|
| | F. Q. | F. Q. | F. Q. | F. Q. | | F. Q. | F. Q. | F. Q. | F. Q. |
| 1 | 2 1 | 2 1 | 2 1 | 2 1 | 26 | 58 2 | 60 0 | 61 3 | 63 1 |
| 1½ | 3 1 | 3 1 | 3 2 | 3 2 | 26½ | 59 2 | 61 1 | 62 3 | 64 2 |
| 2 | 4 2 | 4 2 | 4 3 | 4 3 | 27 | 60 3 | 62 1 | 64 0 | 65 3 |
| 2½ | 5 2 | 5 3 | 5 3 | 6 0 | 27½ | 61 3 | 63 2 | 65 1 | 67 0 |
| 3 | 6 3 | 6 3 | 7 0 | 7 1 | 28 | 63 0 | 64 3 | 66 2 | 68 1 |
| 3½ | 7 3 | 8 0 | 8 1 | 8 2 | 28½ | 64 0 | 65 3 | 67 2 | 69 2 |
| 4 | 9 0 | 9 1 | 9 2 | 9 3 | 29 | 65 1 | 67 0 | 68 3 | 70 3 |
| 4½ | 10 0 | 10 1 | 10 2 | 10 3 | 29½ | 66 1 | 68 0 | 70 0 | 72 0 |
| 5 | 11 1 | 11 2 | 11 3 | 12 0 | 30 | 67 2 | 69 1 | 71 1 | 73 0 |
| 5½ | 12 1 | 12 2 | 13 0 | 13 1 | 30½ | 68 2 | 70 2 | 72 1 | 74 1 |
| 6 | 13 2 | 13 3 | 14 1 | 14 2 | 31 | 69 3 | 71 2 | 73 2 | 75 2 |
| 6½ | 14 2 | 15 0 | 15 1 | 15 3 | 31½ | 70 3 | 72 3 | 74 3 | 76 3 |
| 7 | 15 3 | 16 0 | 16 2 | 17 0 | 32 | 72 0 | 74 0 | 76 0 | 78 0 |
| 7½ | 16 3 | 17 1 | 17 3 | 18 1 | 32½ | 73 0 | 75 0 | 77 0 | 79 1 |
| 8 | 18 0 | 18 2 | 19 0 | 19 2 | 33 | 74 1 | 76 1 | 78 1 | 80 2 |
| 8½ | 19 0 | 19 2 | 20 0 | 20 3 | 33½ | 75 1 | 77 1 | 79 2 | 81 3 |
| 9 | 20 1 | 20 3 | 21 1 | 21 3 | 34 | 76 2 | 78 2 | 80 3 | 83 0 |
| 9½ | 21 1 | 21 3 | 22 2 | 23 0 | 34½ | 77 2 | 79 3 | 81 3 | 84 0 |
| 10 | 22 2 | 23 0 | 23 3 | 24 1 | 35 | 78 3 | 80 3 | 83 0 | 85 1 |
| 10½ | 23 2 | 24 1 | 24 3 | 25 2 | 35½ | 79 3 | 82 0 | 84 1 | 86 2 |
| 11 | 24 3 | 25 1 | 26 0 | 26 3 | 36 | 81 0 | 83 1 | 85 2 | 87 3 |
| 11½ | 25 3 | 26 2 | 27 1 | 28 0 | 36½ | 82 0 | 84 1 | 86 3 | 89 0 |
| 12 | 27 0 | 27 3 | 28 2 | 29 1 | 37 | 83 1 | 85 2 | 87 3 | 90 1 |
| 12½ | 28 0 | 28 3 | 29 2 | 30 2 | 37½ | 84 1 | 86 2 | 89 0 | 91 2 |
| 13 | 29 1 | 30 0 | 30 3 | 31 2 | 38 | 85 2 | 87 3 | 90 1 | 92 3 |
| 13½ | 30 1 | 31 0 | 32 0 | 32 3 | 38½ | 86 2 | 89 0 | 91 2 | 93 3 |
| 14 | 31 2 | 32 1 | 33 1 | 34 0 | 39 | 87 3 | 90 0 | 92 2 | 95 0 |
| 14½ | 32 2 | 33 2 | 34 1 | 35 1 | 39½ | 88 3 | 91 1 | 93 3 | 96 1 |
| 15 | 33 3 | 34 2 | 35 2 | 36 2 | 40 | 90 0 | 92 2 | 95 0 | 97 2 |
| 15½ | 34 3 | 35 3 | 36 3 | 37 3 | 40½ | 91 0 | 93 2 | 96 1 | 98 3 |
| 16 | 36 0 | 37 0 | 38 0 | 39 0 | 41 | 92 1 | 94 3 | 97 1 | 100 0 |
| 16½ | 37 0 | 38 0 | 39 0 | 40 1 | 41½ | 93 1 | 95 3 | 98 2 | 101 1 |
| 17 | 38 1 | 39 1 | 40 1 | 41 2 | 42 | 94 2 | 97 0 | 99 3 | 102 2 |
| 17½ | 39 1 | 40 1 | 41 2 | 42 2 | 42½ | 95 2 | 98 1 | 101 0 | 103 3 |
| 18 | 40 2 | 41 2 | 42 3 | 43 3 | 43 | 96 3 | 99 1 | 102 0 | 104 3 |
| 18½ | 41 2 | 42 3 | 43 3 | 45 0 | 43½ | 97 3 | 100 2 | 103 1 | 106 0 |
| 19 | 42 3 | 43 3 | 45 0 | 46 1 | 44 | 99 0 | 101 3 | 104 2 | 107 1 |
| 19½ | 43 3 | 45 0 | 46 1 | 47 2 | 44½ | 100 0 | 102 3 | 105 3 | 108 2 |
| 20 | 45 0 | 46 1 | 47 2 | 48 3 | 45 | 101 1 | 104 0 | 106 3 | 109 3 |
| 20½ | 46 0 | 47 1 | 48 2 | 50 0 | 45½ | 102 1 | 105 0 | 108 0 | 111 0 |
| 21 | 47 1 | 48 2 | 49 3 | 51 1 | 46 | 103 2 | 106 1 | 109 1 | 112 1 |
| 21½ | 48 1 | 49 2 | 51 0 | 52 1 | 46½ | 104 2 | 107 2 | 110 2 | 113 2 |
| 22 | 49 2 | 50 3 | 52 1 | 53 2 | 47 | 105 3 | 108 2 | 111 2 | 114 2 |
| 22½ | 50 2 | 52 0 | 53 1 | 54 3 | 47½ | 106 3 | 109 3 | 112 3 | 115 3 |
| 23 | 51 3 | 53 0 | 54 2 | 56 0 | 48 | 108 0 | 111 0 | 114 0 | 117 0 |
| 23½ | 52 3 | 54 1 | 55 3 | 57 1 | 48½ | 109 0 | 112 0 | 115 1 | 118 1 |
| 24 | 54 0 | 55 2 | 57 0 | 58 2 | 49 | 110 1 | 113 1 | 116 1 | 119 2 |
| 24½ | 55 0 | 56 2 | 58 0 | 59 3 | 49½ | 111 1 | 114 1 | 117 2 | 120 3 |
| 25 | 56 1 | 57 3 | 59 1 | 61 0 | 50 | 112 2 | 115 2 | 118 3 | 122 0 |
| 25½ | 57 1 | 58 3 | 60 2 | 62 1 | | | | | |

| Feet Long. | *Inches square.* | | | | Feet Long. | *Inches square.* | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 19 | 19¼ | 19½ | 19¾ | | 19 | 19¼ | 19½ | 19¾ |
| | F. Q. | F. Q. | F. Q. | F. Q. | | F. Q. | F. Q. | F. Q. | F. Q. |
| 1 | 2 2 | 2 2 | 2 2 | 2 2 | 26 | 65 0 | 66 3 | 68 2 | 70 1 |
| 1½ | 3 3 | 3 3 | 3 3 | 4 0 | 26½ | 66 1 | 68 0 | 69 3 | 71 3 |
| 2 | 5 0 | 5 0 | 5 1 | 5 1 | 27 | 67 2 | 69 1 | 71 1 | 73 0 |
| 2½ | 6 1 | 6 1 | 6 2 | 6 3 | 27½ | 68 3 | 70 3 | 72 2 | 74 1 |
| 3 | 7 2 | 7 2 | 7 3 | 8 0 | 28 | 70 0 | 72 0 | 73 3 | 75 3 |
| 3½ | 8 3 | 9 0 | 9 0 | 9 1 | 28½ | 71 1 | 73 1 | 75 1 | 77 0 |
| 4 | 10 0 | 10 1 | 10 2 | 10 3 | 29 | 72 2 | 74 2 | 76 2 | 78 2 |
| 4½ | 11 1 | 11 2 | 11 3 | 12 0 | 29½ | 73 3 | 75 3 | 77 3 | 79 3 |
| 5 | 12 2 | 12 3 | 13 0 | 13 2 | 30 | 75 0 | 77 0 | 79 0 | 81 1 |
| 5½ | 13 3 | 14 0 | 14 2 | 14 3 | 30½ | 76 1 | 78 1 | 80 2 | 82 2 |
| 6 | 15 0 | 15 1 | 15 3 | 16 1 | 31 | 77 2 | 79 3 | 81 3 | 83 3 |
| 6½ | 16 1 | 16 2 | 17 0 | 17 2 | 31½ | 78 3 | 81 0 | 83 0 | 85 1 |
| 7 | 17 2 | 18 0 | 18 1 | 18 3 | 32 | 80 0 | 82 1 | 84 2 | 86 2 |
| 7½ | 18 3 | 19 1 | 19 3 | 20 1 | 32½ | 81 1 | 83 2 | 85 3 | 88 0 |
| 8 | 20 0 | 20 2 | 21 0 | 21 2 | 33 | 82 2 | 84 3 | 87 0 | 89 1 |
| 8½ | 21 1 | 21 3 | 22 1 | 23 0 | 33½ | 83 3 | 86 0 | 88 1 | 90 2 |
| 9 | 22 2 | 23 0 | 23 3 | 24 1 | 34 | 85 0 | 87 1 | 89 3 | 92 2 |
| 9½ | 23 3 | 24 1 | 25 0 | 25 2 | 34½ | 86 1 | 88 3 | 91 0 | 93 1 |
| 10 | 25 0 | 25 2 | 26 1 | 27 0 | 35 | 87 2 | 90 0 | 92 1 | 94 3 |
| 10½ | 26 1 | 27 0 | 27 2 | 28 1 | 35½ | 88 3 | 91 1 | 93 2 | 96 0 |
| 11 | 27 2 | 28 1 | 29 0 | 29 3 | 36 | 90 1 | 92 2 | 95 0 | 97 2 |
| 11½ | 28 3 | 29 2 | 30 1 | 31 0 | 36½ | 91 2 | 93 3 | 96 1 | 98 3 |
| 12 | 30 0 | 30 3 | 31 2 | 32 2 | 37 | 92 3 | 95 0 | 97 2 | 100 0 |
| 12½ | 31 1 | 32 0 | 33 0 | 33 3 | 37½ | 94 0 | 96 2 | 99 0 | 101 2 |
| 13 | 32 2 | 33 1 | 34 1 | 35 0 | 38 | 95 1 | 97 3 | 100 1 | 102 3 |
| 13½ | 33 3 | 34 2 | 35 2 | 36 2 | 38½ | 96 2 | 99 0 | 101 2 | 104 1 |
| 14 | 35 0 | 36 0 | 36 3 | 37 3 | 39 | 97 3 | 100 1 | 102 3 | 105 2 |
| 14½ | 36 1 | 37 1 | 38 1 | 39 1 | 39½ | 99 0 | 101 2 | 104 1 | 106 3 |
| 15 | 37 2 | 38 2 | 39 2 | 40 2 | 40 | 100 1 | 102 3 | 105 2 | 108 1 |
| 15½ | 38 3 | 39 3 | 40 3 | 41 3 | 40½ | 101 2 | 104 0 | 106 3 | 109 2 |
| 16 | 40 0 | 41 0 | 42 1 | 43 1 | 41 | 102 3 | 105 2 | 108 1 | 111 0 |
| 16½ | 41 1 | 42 1 | 43 2 | 44 2 | 41½ | 104 0 | 106 3 | 109 2 | 112 1 |
| 17 | 42 2 | 43 2 | 44 3 | 46 0 | 42 | 105 1 | 108 0 | 110 3 | 113 3 |
| 17½ | 43 3 | 45 0 | 46 0 | 47 1 | 42½ | 106 2 | 109 1 | 112 0 | 115 0 |
| 18 | 45 0 | 46 1 | 47 2 | 48 3 | 43 | 107 3 | 110 2 | 113 2 | 116 1 |
| 18½ | 46 1 | 47 2 | 48 3 | 50 0 | 43½ | 109 0 | 111 3 | 114 3 | 117 3 |
| 19 | 47 2 | 48 3 | 50 0 | 51 1 | 44 | 110 1 | 113 0 | 116 0 | 119 0 |
| 19½ | 48 3 | 50 0 | 51 1 | 52 3 | 44½ | 111 2 | 114 2 | 117 2 | 120 2 |
| 20 | 50 0 | 51 1 | 52 3 | 54 0 | 45 | 112 3 | 115 3 | 118 3 | 121 3 |
| 20½ | 51 1 | 52 3 | 54 0 | 55 2 | 45½ | 114 0 | 117 0 | 120 0 | 123 0 |
| 21 | 52 2 | 54 0 | 55 1 | 56 3 | 46 | 115 1 | 118 1 | 121 1 | 124 2 |
| 21½ | 53 3 | 55 1 | 56 3 | 58 0 | 46½ | 116 2 | 119 2 | 122 3 | 125 3 |
| 22 | 55 0 | 56 2 | 58 0 | 59 2 | 47 | 117 3 | 120 3 | 124 0 | 127 1 |
| 22½ | 56 1 | 57 3 | 59 1 | 60 3 | 47½ | 119 0 | 122 0 | 125 1 | 128 2 |
| 23 | 57 2 | 59 0 | 60 2 | 62 1 | 48 | 120 1 | 123 2 | 126 3 | 130 0 |
| 23½ | 58 3 | 60 1 | 62 0 | 63 2 | 48½ | 121 2 | 124 3 | 128 0 | 131 1 |
| 24 | 60 0 | 61 3 | 63 1 | 65 0 | 49 | 122 3 | 126 0 | 129 1 | 132 2 |
| 24½ | 61 1 | 63 0 | 64 2 | 66 1 | 49½ | 124 0 | 127 1 | 130 2 | 134 0 |
| 25 | 62 2 | 64 1 | 66 0 | 67 2 | 50 | 125 1 | 128 2 | 132 0 | 135 1 |
| 25½ | 63 3 | 65 2 | 67 1 | 69 0 | | | | | |

| Feet Long. | *Inches square.* 20 | 20¼ | 20½ | 20¾ |
|---|---|---|---|---|
| | F. Q. | F. Q. | F. Q. | F. Q. |
| 1 | 2 3 | 2 3 | 2 3 | 2 3 |
| 1½ | 4 0 | 4 1 | 4 1 | 4 1 |
| 2 | 5 2 | 5 2 | 5 3 | 5 3 |
| 2½ | 6 3 | 7 0 | 7 1 | 7 1 |
| 3 | 8 1 | 8 2 | 8 3 | 8 3 |
| 3½ | 9 2 | 9 3 | 10 0 | 10 1 |
| 4 | 11 0 | 11 1 | 11 2 | 11 3 |
| 4½ | 12 2 | 12 3 | 13 0 | 13 1 |
| 5 | 13 3 | 14 0 | 14 2 | 14 3 |
| 5½ | 15 1 | 15 2 | 16 0 | 16 1 |
| 6 | 16 2 | 17 0 | 17 2 | 17 3 |
| 6½ | 18 0 | 18 2 | 18 3 | 19 1 |
| 7 | 19 1 | 19 3 | 20 1 | 20 3 |
| 7½ | 20 3 | 21 1 | 21 3 | 22 1 |
| 8 | 22 0 | 22 3 | 23 1 | 23 3 |
| 8½ | 23 2 | 24 0 | 24 3 | 25 1 |
| 9 | 25 0 | 25 2 | 26 1 | 26 3 |
| 9½ | 26 1 | 27 0 | 27 2 | 28 1 |
| 10 | 27 3 | 28 1 | 29 0 | 29 3 |
| 10½ | 29 0 | 29 3 | 30 2 | 31 1 |
| 11 | 30 2 | 31 1 | 32 0 | 32 3 |
| 11½ | 31 3 | 32 2 | 33 2 | 34 1 |
| 12 | 33 1 | 34 0 | 35 0 | 35 3 |
| 12½ | 34 2 | 35 2 | 36 1 | 37 1 |
| 13 | 36 0 | 37 0 | 37 3 | 38 3 |
| 13½ | 37 2 | 38 1 | 39 1 | 40 1 |
| 14 | 38 3 | 39 3 | 40 3 | 41 3 |
| 14½ | 40 1 | 41 1 | 42 1 | 43 1 |
| 15 | 41 2 | 42 2 | 43 3 | 44 3 |
| 15½ | 43 0 | 44 0 | 45 0 | 46 1 |
| 16 | 44 1 | 45 2 | 46 2 | 47 3 |
| 16½ | 45 3 | 46 3 | 48 0 | 49 1 |
| 17 | 47 0 | 48 1 | 49 2 | 50 3 |
| 17½ | 48 2 | 49 3 | 51 0 | 52 1 |
| 18 | 50 0 | 51 1 | 52 2 | 53 3 |
| 18½ | 51 1 | 52 2 | 53 3 | 55 1 |
| 19 | 52 3 | 54 0 | 55 1 | 56 3 |
| 19½ | 54 0 | 55 2 | 56 3 | 58 1 |
| 20 | 55 2 | 56 3 | 58 1 | 59 3 |
| 20½ | 56 3 | 58 1 | 59 3 | 61 1 |
| 21 | 58 1 | 59 3 | 61 1 | 62 3 |
| 21½ | 59 2 | 61 0 | 62 2 | 64 1 |
| 22 | 61 0 | 62 2 | 64 0 | 65 3 |
| 22½ | 62 2 | 64 0 | 65 2 | 67 1 |
| 23 | 63 3 | 65 1 | 67 0 | 68 3 |
| 23½ | 65 1 | 66 3 | 68 2 | 70 1 |
| 24 | 66 2 | 68 1 | 70 0 | 71 3 |
| 24½ | 68 0 | 69 3 | 71 2 | 73 1 |
| 25 | 69 1 | 71 0 | 72 3 | 74 3 |
| 25½ | 70 3 | 72 2 | 74 1 | 76 0 |

| Feet Long. | *Inches square.* 20 | 20¼ | 20½ | 20¾ |
|---|---|---|---|---|
| | F. Q. | F. Q. | F. Q. | F. Q. |
| 26 | 72 0 | 74 0 | 75 3 | 77 2 |
| 26½ | 73 2 | 75 1 | 77 1 | 79 0 |
| 27 | 75 0 | 76 3 | 78 3 | 80 2 |
| 27½ | 76 1 | 78 1 | 80 1 | 82 0 |
| 28 | 77 3 | 79 2 | 81 2 | 83 2 |
| 28½ | 79 0 | 81 0 | 83 0 | 85 0 |
| 29 | 80 2 | 82 2 | 84 2 | 86 2 |
| 29½ | 81 3 | 84 0 | 86 0 | 88 0 |
| 30 | 83 1 | 85 1 | 87 2 | 89 2 |
| 30½ | 84 2 | 86 3 | 89 0 | 91 0 |
| 31 | 86 0 | 88 1 | 90 1 | 92 2 |
| 31½ | 87 2 | 89 2 | 91 3 | 94 0 |
| 32 | 88 3 | 91 0 | 93 1 | 95 2 |
| 32½ | 90 1 | 92 2 | 94 3 | 97 0 |
| 33 | 91 2 | 93 3 | 96 1 | 98 2 |
| 33½ | 93 0 | 95 1 | 97 3 | 100 0 |
| 34 | 94 1 | 96 3 | 99 0 | 101 2 |
| 34½ | 95 3 | 98 0 | 100 2 | 103 0 |
| 35 | 97 0 | 99 2 | 102 0 | 104 2 |
| 35½ | 98 2 | 101 0 | 103 2 | 106 0 |
| 36 | 100 0 | 102 2 | 105 0 | 107 2 |
| 36½ | 101 1 | 103 3 | 106 2 | 109 0 |
| 37 | 102 3 | 105 1 | 107 3 | 110 2 |
| 37½ | 104 0 | 106 3 | 109 1 | 112 0 |
| 38 | 105 2 | 108 0 | 110 3 | 113 2 |
| 38½ | 106 3 | 109 2 | 112 1 | 115 0 |
| 39 | 108 1 | 111 0 | 113 3 | 116 2 |
| 39½ | 109 2 | 112 1 | 115 1 | 118 0 |
| 40 | 111 0 | 113 3 | 116 2 | 119 2 |
| 40½ | 112 2 | 115 1 | 118 0 | 121 0 |
| 41 | 113 3 | 116 3 | 119 2 | 122 2 |
| 41½ | 115 1 | 118 0 | 121 0 | 124 0 |
| 42 | 116 2 | 119 2 | 122 2 | 125 2 |
| 42½ | 118 0 | 121 0 | 124 0 | 127 0 |
| 43 | 119 1 | 122 1 | 125 1 | 128 2 |
| 43½ | 120 3 | 123 3 | 126 3 | 130 0 |
| 44 | 122 0 | 125 1 | 128 1 | 131 2 |
| 44½ | 123 2 | 126 2 | 129 3 | 133 0 |
| 45 | 125 0 | 128 0 | 131 1 | 134 2 |
| 45½ | 126 1 | 129 2 | 132 3 | 136 0 |
| 46 | 127 3 | 130 3 | 134 0 | 137 2 |
| 46½ | 129 0 | 132 1 | 135 2 | 139 0 |
| 47 | 130 2 | 133 3 | 137 0 | 140 2 |
| 47½ | 131 3 | 135 1 | 138 2 | 142 0 |
| 48 | 133 1 | 136 2 | 140 0 | 143 2 |
| 48½ | 134 2 | 138 0 | 141 2 | 145 0 |
| 49 | 136 0 | 139 2 | 143 0 | 146 2 |
| 49½ | 137 2 | 140 3 | 144 1 | 148 0 |
| 50 | 138 3 | 142 1 | 145 3 | 149 2 |

| Feet Long. | Inches square. 21 | 21¼ | 21½ | 21¾ | Feet Long. | Inches square. 21 | 21¼ | 21½ | 21¾ |
|---|---|---|---|---|---|---|---|---|---|
| | F. Q. | F. Q. | F. Q. | F. Q. | | F. Q. | F. Q. | F. Q. | F. Q. |
| 1 | 3 0 | 3 0 | 3 0 | 3 1 | 26 | 79 2 | 81 2 | 83 1 | 85 1 |
| 1½ | 4 2 | 4 2 | 4 3 | 4 3 | 26½ | 81 0 | 83 0 | 85 0 | 87 0 |
| 2 | 6 0 | 6 1 | 6 1 | 6 2 | 27 | 82 2 | 84 2 | 86 2 | 88 2 |
| 2½ | 7 2 | 7 3 | 8 0 | 8 0 | 27½ | 84 0 | 86 0 | 88 1 | 90 1 |
| 3 | 9 0 | 9 1 | 9 2 | 9 3 | 28 | 85 3 | 87 3 | 89 3 | 91 3 |
| 3½ | 10 2 | 10 3 | 11 0 | 11 1 | 28½ | 87 1 | 89 1 | 91 1 | 93 2 |
| 4 | 12 1 | 12 2 | 12 3 | 13 0 | 29 | 88 3 | 90 3 | 93 0 | 95 1 |
| 4½ | 13 3 | 14 0 | 14 1 | 14 3 | 29½ | 90 1 | 92 2 | 94 2 | 96 3 |
| 5 | 15 1 | 15 2 | 16 0 | 16 1 | 30 | 91 3 | 94 0 | 96 1 | 98 2 |
| 5½ | 16 3 | 17 0 | 17 2 | 18 0 | 30½ | 93 1 | 95 2 | 97 3 | 100 0 |
| 6 | 18 1 | 18 3 | 19 1 | 19 2 | 31 | 94 3 | 97 0 | 99 2 | 101 3 |
| 6½ | 19 3 | 20 1 | 20 3 | 21 1 | 31½ | 96 1 | 98 3 | 101 0 | 103 1 |
| 7 | 21 1 | 21 3 | 22 1 | 22 3 | 32 | 98 0 | 100 1 | 102 2 | 105 0 |
| 7½ | 22 3 | 23 2 | 24 0 | 24 2 | 32½ | 99 2 | 101 3 | 104 1 | 106 3 |
| 8 | 24 2 | 25 0 | 25 2 | 26 1 | 33 | 101 0 | 103 1 | 105 3 | 108 1 |
| 8½ | 26 0 | 26 2 | 27 1 | 27 3 | 33½ | 102 2 | 105 0 | 107 2 | 110 0 |
| 9 | 27 2 | 28 0 | 28 3 | 29 2 | 34 | 104 0 | 106 2 | 109 0 | 111 2 |
| 9½ | 29 0 | 29 3 | 30 1 | 31 0 | 34½ | 105 2 | 108 0 | 110 2 | 113 1 |
| 10 | 30 2 | 31 1 | 32 0 | 32 3 | 35 | 107 0 | 109 3 | 112 1 | 114 3 |
| 10½ | 32 0 | 32 3 | 33 2 | 34 1 | 35½ | 108 2 | 111 1 | 113 3 | 116 2 |
| 11 | 33 2 | 34 1 | 35 1 | 36 0 | 36 | 110 1 | 112 3 | 115 2 | 118 1 |
| 11½ | 35 0 | 36 0 | 36 3 | 37 3 | 36½ | 111 3 | 114 1 | 117 0 | 119 3 |
| 12 | 36 3 | 37 2 | 38 2 | 39 1 | 37 | 113 1 | 116 0 | 118 3 | 121 2 |
| 12½ | 38 1 | 39 0 | 40 0 | 41 0 | 37½ | 114 3 | 117 2 | 120 1 | 123 0 |
| 13 | 39 3 | 40 3 | 41 2 | 42 2 | 38 | 116 1 | 119 0 | 121 3 | 124 3 |
| 13½ | 41 1 | 42 1 | 43 1 | 44 1 | 38½ | 117 3 | 120 2 | 123 2 | 126 1 |
| 14 | 42 3 | 43 3 | 44 3 | 45 3 | 39 | 119 1 | 122 1 | 125 0 | 128 0 |
| 14½ | 44 1 | 45 1 | 46 2 | 47 2 | 39½ | 120 3 | 123 3 | 126 3 | 129 3 |
| 15 | 45 3 | 47 0 | 48 0 | 49 1 | 40 | 122 2 | 125 1 | 128 1 | 131 1 |
| 15½ | 47 1 | 48 2 | 49 3 | 50 3 | 40½ | 124 0 | 127 0 | 130 0 | 133 0 |
| 16 | 49 0 | 50 0 | 51 1 | 52 2 | 41 | 125 2 | 128 2 | 131 2 | 134 2 |
| 16½ | 50 2 | 51 2 | 52 3 | 54 0 | 41½ | 127 0 | 130 0 | 133 0 | 136 1 |
| 17 | 52 0 | 53 1 | 54 2 | 55 3 | 42 | 128 2 | 131 2 | 134 3 | 137 3 |
| 17½ | 53 2 | 54 3 | 56 0 | 57 1 | 42½ | 130 0 | 133 1 | 136 1 | 139 2 |
| 18 | 55 0 | 56 1 | 57 3 | 59 0 | 43 | 131 2 | 134 3 | 138 0 | 141 1 |
| 18½ | 56 2 | 58 0 | 59 1 | 60 3 | 43½ | 133 0 | 136 1 | 139 2 | 142 3 |
| 19 | 58 0 | 59 2 | 60 3 | 62 1 | 44 | 134 3 | 137 3 | 141 0 | 144 2 |
| 19½ | 59 2 | 61 0 | 62 2 | 64 0 | 44½ | 136 1 | 139 2 | 142 3 | 146 0 |
| 20 | 61 1 | 62 2 | 64 0 | 65 2 | 45 | 137 3 | 141 0 | 144 1 | 147 3 |
| 20½ | 62 3 | 64 1 | 65 3 | 67 1 | 45½ | 139 1 | 142 2 | 146 0 | 149 1 |
| 21 | 64 1 | 65 3 | 67 1 | 68 3 | 46 | 140 3 | 144 0 | 147 2 | 151 0 |
| 21½ | 65 3 | 67 1 | 69 0 | 70 2 | 46½ | 142 1 | 145 3 | 149 1 | 152 3 |
| 22 | 67 1 | 68 3 | 70 2 | 72 1 | 47 | 143 3 | 147 1 | 150 3 | 154 1 |
| 22½ | 68 3 | 70 2 | 72 0 | 73 3 | 47½ | 145 1 | 148 3 | 152 1 | 156 0 |
| 23 | 70 1 | 72 0 | 73 3 | 75 2 | 48 | 147 0 | 150 2 | 154 0 | 157 2 |
| 23½ | 71 3 | 73 2 | 75 1 | 77 0 | 48½ | 148 2 | 152 0 | 155 2 | 159 1 |
| 24 | 73 2 | 75 1 | 77 0 | 78 3 | 49 | 150 0 | 153 2 | 157 1 | 160 3 |
| 24½ | 75 0 | 76 3 | 78 2 | 80 1 | 49½ | 151 2 | 155 0 | 158 3 | 162 2 |
| 25 | 76 2 | 78 1 | 80 1 | 82 0 | 50 | 153 0 | 156 3 | 160 2 | 164 1 |
| 25½ | 78 0 | 79 3 | 81 3 | 83 3 | | | | | |

| Feet Long. | *Inches square.* 22 | 22¼ | 22½ | 22¾ |
|---|---|---|---|---|
| | F. Q. | F. Q. | F. Q. | F. Q. |
| 1 | 3 1 | 3 1 | 3 2 | 3 2 |
| 1½ | 5 0 | 5 0 | 5 1 | 5 1 |
| 2 | 6 2 | 6 3 | 7 0 | 7 0 |
| 2½ | 8 1 | 8 2 | 8 3 | 8 3 |
| 3 | 10 0 | 10 1 | 10 2 | 10 3 |
| 3½ | 11 3 | 12 0 | 12 1 | 12 2 |
| 4 | 13 1 | 13 3 | 14 0 | 14 1 |
| 4½ | 15 0 | 15 1 | 15 3 | 16 0 |
| 5 | 16 3 | 17 0 | 17 2 | 17 3 |
| 5½ | 18 1 | 18 3 | 19 1 | 19 3 |
| 6 | 20 0 | 20 2 | 21 0 | 21 2 |
| 6½ | 21 3 | 22 1 | 22 3 | 23 1 |
| 7 | 23 2 | 24 0 | 24 2 | 25 0 |
| 7½ | 25 0 | 25 3 | 26 1 | 26 3 |
| 8 | 26 3 | 27 2 | 28 0 | 28 3 |
| 8½ | 28 2 | 29 0 | 29 3 | 30 2 |
| 9 | 30 1 | 30 3 | 31 2 | 32 1 |
| 9½ | 31 3 | 32 2 | 33 1 | 34 0 |
| 10 | 33 2 | 34 1 | 35 0 | 35 3 |
| 10½ | 35 1 | 36 0 | 36 3 | 37 2 |
| 11 | 36 3 | 37 3 | 38 2 | 39 2 |
| 11½ | 38 2 | 39 2 | 40 1 | 41 1 |
| 12 | 40 1 | 41 1 | 42 0 | 43 0 |
| 12½ | 42 0 | 42 3 | 43 3 | 44 3 |
| 13 | 43 2 | 44 2 | 45 2 | 46 2 |
| 13½ | 45 1 | 46 1 | 47 1 | 48 2 |
| 14 | 47 0 | 48 0 | 49 0 | 50 1 |
| 14½ | 48 2 | 49 3 | 50 3 | 52 0 |
| 15 | 50 1 | 51 2 | 52 2 | 53 3 |
| 15½ | 52 0 | 53 1 | 54 1 | 55 2 |
| 16 | 53 3 | 55 0 | 56 1 | 57 2 |
| 16½ | 55 1 | 56 2 | 58 0 | 59 1 |
| 17 | 57 0 | 58 1 | 59 3 | 61 0 |
| 17½ | 58 3 | 60 0 | 61 2 | 62 3 |
| 18 | 60 2 | 61 3 | 63 1 | 64 2 |
| 18½ | 62 0 | 63 2 | 65 0 | 66 1 |
| 19 | 63 3 | 65 1 | 66 3 | 68 1 |
| 19½ | 65 2 | 67 0 | 68 2 | 70 0 |
| 20 | 67 0 | 68 3 | 70 1 | 71 3 |
| 20½ | 68 3 | 70 1 | 72 0 | 73 2 |
| 21 | 70 2 | 72 0 | 73 3 | 75 1 |
| 21½ | 72 1 | 73 3 | 76 2 | 77 1 |
| 22 | 73 3 | 75 2 | 77 1 | 79 0 |
| 22½ | 75 2 | 77 1 | 79 0 | 80 3 |
| 23 | 77 1 | 79 0 | 80 3 | 82 2 |
| 23½ | 78 3 | 80 3 | 82 2 | 84 1 |
| 24 | 80 2 | 82 2 | 84 1 | 86 1 |
| 24½ | 82 1 | 84 0 | 86 0 | 88 0 |
| 25 | 84 0 | 85 3 | 87 3 | 89 3 |
| 25½ | 85 2 | 87 2 | 89 2 | 91 2 |

| Feet Long. | *Inches square.* 22 | 22¼ | 22½ | 22¾ |
|---|---|---|---|---|
| | F. Q. | F. Q. | F. Q. | F. Q. |
| 26 | 87 1 | 89 1 | 91 1 | 93 0 |
| 26½ | 89 0 | 91 0 | 93 0 | 95 1 |
| 27 | 90 3 | 92 3 | 94 3 | 97 0 |
| 27½ | 92 1 | 94 2 | 96 2 | 98 3 |
| 28 | 94 0 | 96 1 | 98 1 | 100 2 |
| 28½ | 95 3 | 97 3 | 100 0 | 102 1 |
| 29 | 97 1 | 99 2 | 101 3 | 104 0 |
| 29½ | 99 0 | 101 1 | 103 2 | 106 0 |
| 30 | 100 3 | 103 0 | 105 1 | 107 3 |
| 30½ | 102 2 | 104 3 | 107 0 | 109 2 |
| 31 | 104 0 | 106 2 | 108 3 | 111 1 |
| 31½ | 105 3 | 108 1 | 110 2 | 113 0 |
| 32 | 107 2 | 110 0 | 112 2 | 115 0 |
| 32½ | 109 1 | 111 2 | 114 1 | 116 3 |
| 33 | 110 3 | 113 1 | 116 0 | 118 2 |
| 33½ | 112 2 | 115 0 | 117 3 | 120 1 |
| 34 | 114 1 | 116 3 | 119 2 | 122 0 |
| 34½ | 115 3 | 118 2 | 121 1 | 123 3 |
| 35 | 117 2 | 120 1 | 123 0 | 125 3 |
| 35½ | 119 1 | 122 0 | 124 3 | 127 2 |
| 36 | 121 0 | 123 3 | 126 2 | 129 1 |
| 36½ | 122 2 | 125 1 | 128 1 | 131 0 |
| 37 | 124 1 | 127 0 | 130 0 | 132 3 |
| 37½ | 126 0 | 128 3 | 131 3 | 134 2 |
| 38 | 127 2 | 130 2 | 133 2 | 136 2 |
| 38½ | 129 1 | 132 1 | 135 1 | 138 1 |
| 39 | 131 0 | 134 0 | 137 0 | 140 0 |
| 39½ | 132 3 | 135 2 | 138 3 | 141 3 |
| 40 | 134 1 | 137 2 | 140 2 | 143 3 |
| 40½ | 136 0 | 139 0 | 142 1 | 145 2 |
| 41 | 137 3 | 140 3 | 144 0 | 147 1 |
| 41½ | 139 1 | 142 2 | 145 3 | 149 0 |
| 42 | 141 0 | 144 1 | 147 2 | 150 3 |
| 42½ | 142 3 | 146 0 | 149 1 | 152 2 |
| 43 | 144 2 | 147 3 | 151 0 | 154 2 |
| 43½ | 146 0 | 149 2 | 152 3 | 156 1 |
| 44 | 147 3 | 151 1 | 154 2 | 158 0 |
| 44½ | 149 2 | 152 3 | 156 1 | 159 3 |
| 45 | 151 1 | 154 2 | 158 0 | 161 2 |
| 45½ | 152 3 | 156 1 | 159 3 | 163 2 |
| 46 | 154 2 | 158 0 | 161 2 | 165 1 |
| 46½ | 156 1 | 159 3 | 163 1 | 167 0 |
| 47 | 157 3 | 161 2 | 165 0 | 168 3 |
| 47½ | 159 2 | 163 1 | 166 3 | 170 2 |
| 48 | 161 1 | 165 0 | 168 3 | 172 2 |
| 48½ | 163 0 | 166 2 | 170 2 | 174 1 |
| 49 | 164 2 | 168 1 | 172 1 | 176 0 |
| 49½ | 166 1 | 170 0 | 174 0 | 177 3 |
| 50 | 168 0 | 171 3 | 175 3 | 179 2 |

| Feet Long. | *Inches square.* 23 | 23¼ | 23½ | 23¾ | Feet Long. | *Inches square.* 23 | 23¼ | 23½ | 23¾ |
|---|---|---|---|---|---|---|---|---|---|
| | F. Q. | F. Q. | F. Q. | F. Q. | | F. Q. | F. Q. | F. Q. | F. Q. |
| 1 | 3 2 | 3 3 | 3 3 | 3 3 | 26 | 95 2 | 97 2 | 99 2 | 101 3 |
| 1½ | 5 2 | 5 2 | 5 3 | 5 3 | 26½ | 97 1 | 99 1 | 101 2 | 103 3 |
| 2 | 7 1 | 7 2 | 7 2 | 7 3 | 27 | 99 0 | 101 1 | 103 2 | 105 3 |
| 2½ | 9 0 | 9 1 | 9 2 | 9 3 | 27½ | 101 0 | 103 0 | 105 1 | 107 2 |
| 3 | 11 0 | 11 1 | 11 2 | 11 3 | 28 | 102 3 | 105 0 | 107 1 | 109 2 |
| 3½ | 12 3 | 13 0 | 13 1 | 13 2 | 28½ | 104 2 | 106 3 | 109 1 | 111 2 |
| 4 | 14 2 | 15 0 | 15 1 | 15 2 | 29 | 106 2 | 108 3 | 111 0 | 113 2 |
| 4½ | 16 2 | 16 3 | 17 1 | 17 2 | 29½ | 108 1 | 110 2 | 113 0 | 115 2 |
| 5 | 18 1 | 18 3 | 19 0 | 19 2 | 30 | 110 0 | 112 2 | 115 0 | 117 2 |
| 5½ | 20 0 | 20 2 | 21 0 | 21 2 | 30½ | 112 0 | 114 1 | 116 3 | 119 1 |
| 6 | 22 0 | 22 2 | 23 0 | 23 2 | 31 | 113 3 | 116 1 | 118 3 | 121 1 |
| 6½ | 23 3 | 24 1 | 24 3 | 25 1 | 31½ | 115 2 | 118 0 | 120 3 | 123 1 |
| 7 | 25 2 | 26 1 | 26 3 | 27 1 | 32 | 117 2 | 120 0 | 122 2 | 125 1 |
| 7½ | 27 2 | 28 0 | 28 3 | 29 1 | 32½ | 119 1 | 122 0 | 124 2 | 127 1 |
| 8 | 29 1 | 30 0 | 30 2 | 31 1 | 33 | 121 0 | 123 3 | 126 2 | 129 1 |
| 8½ | 31 0 | 31 3 | 32 2 | 33 1 | 33½ | 122 0 | 125 3 | 128 1 | 131 0 |
| 9 | 33 0 | 33 3 | 34 2 | 35 1 | 34 | 124 3 | 127 2 | 130 1 | 133 0 |
| 9½ | 34 3 | 35 2 | 36 1 | 37 0 | 34½ | 126 2 | 129 2 | 132 1 | 135 0 |
| 10 | 36 2 | 37 2 | 38 1 | 39 0 | 35 | 128 2 | 131 1 | 134 0 | 137 0 |
| 10½ | 38 2 | 39 1 | 40 1 | 41 0 | 35½ | 130 1 | 132 1 | 136 0 | 139 0 |
| 11 | 40 1 | 41 1 | 42 0 | 43 0 | 36 | 132 1 | 135 0 | 138 0 | 141 0 |
| 11½ | 42 0 | 43 0 | 44 0 | 45 0 | 36½ | 134 0 | 137 0 | 139 3 | 142 3 |
| 12 | 44 0 | 45 0 | 46 0 | 47 0 | 37 | 135 3 | 138 3 | 141 3 | 144 3 |
| 12½ | 45 3 | 46 3 | 47 3 | 48 3 | 37½ | 137 3 | 140 3 | 143 3 | 146 3 |
| 13 | 47 3 | 48 3 | 49 3 | 50 3 | 38 | 139 2 | 142 2 | 145 2 | 148 3 |
| 13½ | 49 2 | 50 2 | 51 3 | 52 3 | 38½ | 141 1 | 144 2 | 147 2 | 150 3 |
| 14 | 51 1 | 52 2 | 53 2 | 54 3 | 39 | 143 1 | 146 1 | 149 2 | 152 3 |
| 14½ | 53 1 | 54 1 | 55 2 | 56 3 | 39½ | 145 0 | 148 1 | 151 1 | 154 2 |
| 15 | 55 0 | 56 1 | 57 2 | 58 3 | 40 | 146 3 | 150 0 | 153 1 | 156 2 |
| 15½ | 56 3 | 58 0 | 59 1 | 60 2 | 40½ | 148 3 | 152 0 | 155 1 | 158 2 |
| 16 | 58 3 | 60 0 | 61 1 | 62 2 | 41 | 150 2 | 153 3 | 157 0 | 160 2 |
| 16½ | 60 2 | 61 3 | 63 1 | 64 2 | 41½ | 152 1 | 155 3 | 159 0 | 162 0 |
| 17 | 62 1 | 63 3 | 65 0 | 66 2 | 42 | 154 1 | 157 2 | 161 0 | 164 2 |
| 17½ | 64 1 | 65 2 | 67 0 | 68 2 | 42½ | 156 0 | 159 2 | 162 3 | 166 1 |
| 18 | 66 0 | 67 2 | 69 0 | 70 2 | 43 | 157 3 | 161 1 | 164 3 | 168 1 |
| 18½ | 67 3 | 69 1 | 70 3 | 72 1 | 43½ | 159 3 | 163 1 | 166 3 | 170 1 |
| 19 | 69 3 | 71 1 | 72 3 | 74 1 | 44 | 161 2 | 165 0 | 168 2 | 172 1 |
| 19½ | 71 2 | 73 0 | 74 3 | 76 1 | 44½ | 163 1 | 167 0 | 170 2 | 174 1 |
| 20 | 73 1 | 75 0 | 76 2 | 78 1 | 45 | 165 1 | 168 3 | 172 2 | 176 1 |
| 20½ | 75 1 | 76 3 | 78 2 | 80 1 | 45½ | 167 0 | 170 3 | 174 1 | 178 0 |
| 21 | 77 0 | 78 3 | 80 2 | 82 1 | 46 | 168 3 | 172 2 | 176 1 | 180 0 |
| 21½ | 78 3 | 80 2 | 82 1 | 84 0 | 46½ | 170 3 | 174 2 | 178 1 | 182 0 |
| 22 | 80 3 | 82 2 | 84 1 | 86 0 | 47 | 172 2 | 176 1 | 180 0 | 184 0 |
| 22½ | 82 2 | 84 1 | 86 1 | 88 0 | 47½ | 174 1 | 178 1 | 182 0 | 186 0 |
| 23 | 84 1 | 86 1 | 88 0 | 90 0 | 48 | 176 1 | 180 0 | 184 0 | 188 0 |
| 23½ | 86 1 | 88 0 | 90 0 | 92 0 | 48½ | 178 0 | 182 0 | 186 0 | 189 3 |
| 24 | 88 0 | 90 0 | 92 0 | 94 0 | 49 | 180 0 | 183 3 | 187 3 | 191 3 |
| 24½ | 90 0 | 91 3 | 93 3 | 95 3 | 49½ | 181 3 | 185 3 | 189 3 | 193 3 |
| 25 | 91 3 | 93 3 | 95 3 | 97 3 | 50 | 183 2 | 187 2 | 191 3 | 195 3 |
| 25½ | 93 2 | 95 2 | 97 3 | 99 3 | | | | | |

| Feet Long. | Inches square. 24 | 24¼ | 24½ | 24¾ | Feet Long. | Inches square. 24 | 24¼ | 24½ | 24¾ |
|---|---|---|---|---|---|---|---|---|---|
| | F. Q. | F. Q. | Q. F. | F. Q. | | F. Q. | F. Q. | F. Q. | F. Q. |
| 1 | 4 0 | 4 0 | 4 0 | 4 1 | 26 | 104 0 | 106 0 | 108 1 | 110 2 |
| 1½ | 6 0 | 6 0 | 6 1 | 6 1 | 26½ | 106 0 | 108 0 | 110 1 | 112 2 |
| 2 | 8 0 | 8 0 | 8 1 | 8 2 | 27 | 108 0 | 110 1 | 112 2 | 114 3 |
| 2½ | 10 0 | 10 0 | 10 1 | 10 2 | 27½ | 110 0 | 112 1 | 114 2 | 116 3 |
| 3 | 12 0 | 12 1 | 12 2 | 12 3 | 28 | 112 0 | 114 1 | 116 2 | 119 0 |
| 3½ | 14 0 | 14 1 | 14 2 | 14 3 | 28½ | 114 0 | 116 1 | 118 3 | 121 0 |
| 4 | 16 0 | 16 1 | 16 2 | 17 0 | 29 | 116 0 | 118 1 | 120 3 | 123 1 |
| 4½ | 18 0 | 18 1 | 18 3 | 19 0 | 29½ | 118 0 | 120 1 | 122 3 | 125 1 |
| 5 | 20 0 | 20 1 | 20 3 | 21 1 | 30 | 120 0 | 122 2 | 125 0 | 127 2 |
| 5½ | 22 0 | 22 1 | 22 3 | 23 1 | 30½ | 122 0 | 124 2 | 127 0 | 129 2 |
| 6 | 24 0 | 24 2 | 25 0 | 25 2 | 31 | 124 0 | 126 2 | 129 0 | 131 3 |
| 6½ | 26 0 | 26 2 | 27 0 | 27 2 | 31½ | 126 0 | 128 2 | 131 1 | 133 3 |
| 7 | 28 0 | 28 2 | 29 0 | 29 3 | 32 | 128 0 | 130 2 | 133 1 | 136 0 |
| 7½ | 30 0 | 30 2 | 31 1 | 31 3 | 32½ | 130 0 | 132 2 | 135 1 | 138 1 |
| 8 | 32 0 | 32 2 | 33 1 | 34 0 | 33 | 132 0 | 134 3 | 137 2 | 140 1 |
| 8½ | 34 0 | 34 2 | 35 1 | 36 0 | 33½ | 134 0 | 136 3 | 139 2 | 142 2 |
| 9 | 36 0 | 36 3 | 37 2 | 38 1 | 34 | 136 0 | 138 3 | 141 2 | 144 2 |
| 9½ | 38 0 | 38 3 | 39 2 | 40 1 | 34½ | 138 0 | 140 3 | 143 3 | 146 3 |
| 10 | 40 0 | 40 3 | 41 2 | 42 2 | 35 | 140 0 | 142 3 | 145 3 | 148 3 |
| 10½ | 42 0 | 42 3 | 43 3 | 44 2 | 35½ | 142 0 | 144 3 | 147 3 | 151 0 |
| 11 | 44 0 | 44 3 | 45 3 | 46 3 | 36 | 144 0 | 147 0 | 150 0 | 153 0 |
| 11½ | 46 0 | 46 3 | 47 3 | 48 3 | 36½ | 146 0 | 149 0 | 152 0 | 155 1 |
| 12 | 48 0 | 49 0 | 50 0 | 51 0 | 37 | 148 0 | 151 0 | 154 0 | 157 1 |
| 12½ | 50 0 | 51 0 | 52 0 | 53 0 | 37½ | 150 0 | 153 0 | 156 1 | 159 2 |
| 13 | 52 0 | 53 0 | 54 0 | 55 1 | 38 | 152 0 | 155 0 | 158 1 | 161 2 |
| 13½ | 54 0 | 55 0 | 56 1 | 57 1 | 38½ | 154 0 | 157 0 | 160 1 | 163 3 |
| 14 | 56 0 | 57 0 | 58 1 | 59 2 | 39 | 156 0 | 159 1 | 162 2 | 165 3 |
| 14½ | 58 0 | 59 0 | 60 1 | 61 2 | 39½ | 158 0 | 161 1 | 164 2 | 168 0 |
| 15 | 60 0 | 61 1 | 62 2 | 63 3 | 40 | 160 0 | 163 1 | 166 2 | 170 0 |
| 15½ | 62 0 | 63 1 | 64 2 | 65 3 | 40½ | 162 0 | 165 1 | 168 3 | 72 1 |
| 16 | 64 0 | 65 1 | 66 2 | 68 0 | 41 | 164 0 | 167 1 | 170 3 | 74 1 |
| 16½ | 66 0 | 67 1 | 68 3 | 70 0 | 41½ | 166 0 | 169 1 | 172 3 | 76 2 |
| 17 | 68 0 | 69 1 | 70 3 | 72 1 | 42 | 168 0 | 171 2 | 175 0 | 78 2 |
| 17½ | 70 0 | 71 1 | 72 3 | 74 1 | 42½ | 170 0 | 173 2 | 177 0 | 180 3 |
| 18 | 72 0 | 73 2 | 75 0 | 76 2 | 43 | 172 0 | 175 2 | 179 0 | 182 3 |
| 18½ | 74 0 | 75 2 | 77 0 | 78 2 | 43½ | 174 0 | 177 2 | 181 1 | 185 0 |
| 19 | 76 0 | 77 2 | 79 0 | 80 3 | 44 | 176 0 | 179 2 | 183 1 | 187 0 |
| 19½ | 78 0 | 79 2 | 81 1 | 82 3 | 44½ | 178 0 | 181 2 | 185 1 | 189 1 |
| 20 | 80 0 | 81 2 | 83 1 | 85 0 | 45 | 180 0 | 183 3 | 187 2 | 191 1 |
| 20½ | 82 0 | 83 2 | 85 1 | 87 0 | 45½ | 182 0 | 185 3 | 189 2 | 193 2 |
| 21 | 84 0 | 85 3 | 87 2 | 89 1 | 46 | 184 0 | 187 3 | 191 2 | 195 2 |
| 21½ | 86 0 | 87 3 | 89 2 | 91 1 | 46½ | 186 0 | 189 3 | 193 3 | 197 3 |
| 22 | 88 0 | 89 3 | 91 2 | 93 2 | 47 | 188 0 | 191 3 | 195 3 | 199 3 |
| 22½ | 90 0 | 91 3 | 93 3 | 95 2 | 47½ | 190 0 | 193 3 | 197 3 | 202 0 |
| 23 | 92 0 | 93 3 | 95 3 | 97 3 | 48 | 192 0 | 196 2 | 200 0 | 204 0 |
| 23½ | 94 0 | 95 3 | 97 3 | 99 3 | 48½ | 194 0 | 198 0 | 202 0 | 206 1 |
| 24 | 96 0 | 98 0 | 100 0 | 102 0 | 49 | 196 0 | 200 0 | 204 0 | 208 1 |
| 24½ | 98 0 | 100 0 | 102 0 | 104 0 | 49½ | 198 0 | 202 0 | 206 1 | 210 2 |
| 25 | 100 0 | 102 0 | 104 0 | 106 1 | 50 | 200 0 | 204 0 | 208 1 | 212 2 |
| 25½ | 102 0 | 104 0 | 106 1 | 108 1 | | | | | |

| Feet Long. | *Inches square.* 25 | 25¼ | 25½ | 25¾ |
|---|---|---|---|---|
| | F. Q. | F. Q. | F. Q. | F. Q. |
| 1 | 4 1 | 4 1 | 4 2 | 4 2 |
| 1½ | 6 2 | 6 2 | 6 3 | 6 3 |
| 2 | 8 2 | 8 3 | 9 0 | 9 0 |
| 2½ | 10 3 | 11 0 | 11 1 | 11 2 |
| 3 | 13 0 | 13 1 | 13 2 | 13 3 |
| 3½ | 15 0 | 15 1 | 15 3 | 16 0 |
| 4 | 17 1 | 17 2 | 18 0 | 18 1 |
| 4½ | 19 2 | 19 3 | 20 1 | 20 2 |
| 5 | 21 2 | 22 0 | 22 2 | 23 0 |
| 5½ | 23 3 | 24 1 | 24 3 | 25 1 |
| 6 | 26 0 | 26 2 | 27 0 | 27 2 |
| 6½ | 28 0 | 28 3 | 29 1 | 29 3 |
| 7 | 30 1 | 30 3 | 31 2 | 32 0 |
| 7½ | 32 2 | 33 0 | 33 3 | 34 2 |
| 8 | 34 2 | 35 1 | 36 0 | 36 3 |
| 8½ | 36 3 | 37 2 | 38 1 | 39 0 |
| 9 | 39 0 | 39 3 | 40 2 | 41 1 |
| 9½ | 41 0 | 42 0 | 42 3 | 43 2 |
| 10 | 43 1 | 44 1 | 45 0 | 46 0 |
| 10½ | 45 2 | 46 1 | 47 1 | 48 1 |
| 11 | 47 2 | 48 2 | 49 2 | 50 2 |
| 11½ | 49 3 | 50 3 | 51 3 | 52 3 |
| 12 | 52 0 | 53 0 | 54 0 | 55 1 |
| 12½ | 54 1 | 55 1 | 56 1 | 57 2 |
| 13 | 56 1 | 57 2 | 58 2 | 59 3 |
| 13½ | 58 2 | 59 3 | 60 3 | 62 0 |
| 14 | 60 3 | 61 3 | 63 0 | 64 1 |
| 14½ | 62 3 | 64 0 | 65 1 | 66 3 |
| 15 | 65 0 | 66 1 | 67 2 | 69 0 |
| 15½ | 67 1 | 68 2 | 69 3 | 71 1 |
| 16 | 69 1 | 70 3 | 72 1 | 73 2 |
| 16½ | 71 2 | 73 0 | 74 2 | 75 3 |
| 17 | 73 3 | 75 1 | 76 3 | 78 1 |
| 17½ | 75 3 | 77 1 | 79 0 | 80 2 |
| 18 | 78 0 | 79 2 | 81 1 | 82 3 |
| 18½ | 80 1 | 81 3 | 83 2 | 85 0 |
| 19 | 82 1 | 84 0 | 85 3 | 87 1 |
| 19½ | 84 2 | 86 1 | 88 0 | 89 3 |
| 20 | 86 3 | 88 2 | 90 1 | 92 0 |
| 20½ | 88 3 | 90 3 | 92 2 | 94 1 |
| 21 | 91 0 | 92 3 | 94 3 | 96 2 |
| 21½ | 93 1 | 95 0 | 97 0 | 99 0 |
| 22 | 95 1 | 97 1 | 99 1 | 101 1 |
| 22½ | 97 2 | 99 2 | 101 2 | 103 2 |
| 23 | 99 3 | 101 3 | 103 3 | 105 3 |
| 23½ | 101 3 | 104 0 | 106 0 | 108 0 |
| 24 | 104 0 | 106 1 | 108 1 | 110 2 |
| 24½ | 106 1 | 108 1 | 110 2 | 112 3 |
| 25 | 108 2 | 110 2 | 112 3 | 115 0 |
| 25½ | 110 2 | 112 3 | 115 0 | 117 1 |

| Feet Long. | *Inches square.* 25 | 25¼ | 25½ | 25¾ |
|---|---|---|---|---|
| | F. Q. | F. Q | F. Q | F. Q. |
| 26 | 112 3 | 115 0 | 117 1 | 119 2 |
| 26½ | 115 0 | 117 1 | 119 2 | 122 0 |
| 27 | 117 0 | 119 2 | 121 3 | 124 1 |
| 27½ | 119 1 | 121 3 | 124 0 | 126 2 |
| 28 | 121 2 | 123 3 | 126 1 | 128 3 |
| 28½ | 123 2 | 126 0 | 128 2 | 131 0 |
| 29 | 125 3 | 128 1 | 130 3 | 133 2 |
| 29½ | 128 0 | 130 2 | 133 0 | 135 3 |
| 30 | 130 0 | 132 3 | 135 1 | 138 0 |
| 30½ | 132 1 | 135 0 | 137 2 | 140 1 |
| 31 | 134 2 | 137 1 | 139 3 | 142 2 |
| 31½ | 136 2 | 139 1 | 142 0 | 145 0 |
| 32 | 138 3 | 141 2 | 144 2 | 147 1 |
| 32½ | 141 0 | 143 3 | 146 3 | 149 2 |
| 33 | 143 0 | 146 0 | 149 0 | 151 3 |
| 33½ | 145 1 | 148 1 | 151 1 | 154 1 |
| 34 | 147 2 | 150 2 | 153 2 | 156 2 |
| 34½ | 149 2 | 152 2 | 155 3 | 158 3 |
| 35 | 151 3 | 154 3 | 158 0 | 161 0 |
| 35½ | 154 0 | 157 0 | 160 1 | 163 1 |
| 36 | 156 1 | 159 1 | 162 2 | 165 3 |
| 36½ | 158 1 | 161 2 | 164 3 | 168 0 |
| 37 | 160 2 | 163 3 | 167 0 | 170 1 |
| 37½ | 162 3 | 166 0 | 169 1 | 172 2 |
| 38 | 164 3 | 168 0 | 171 2 | 174 3 |
| 38½ | 167 0 | 170 1 | 173 3 | 177 1 |
| 39 | 169 1 | 172 2 | 176 0 | 179 2 |
| 39½ | 171 1 | 174 3 | 178 1 | 181 3 |
| 40 | 173 2 | 177 0 | 180 2 | 184 0 |

| Feet Long. | *Inches square.* 25 | 26¼ | 26½ | 26¾ |
|---|---|---|---|---|
| | F. Q. | F. Q. | F. Q. | F. Q. |
| 1 | 4 2 | 4 3 | 4 3 | 4 3 |
| 1½ | 7 0 | 7 0 | 7 1 | 7 1 |
| 2 | 9 1 | 9 2 | 9 3 | 9 3 |
| 2½ | 11 2 | 11 3 | 12 0 | 12 1 |
| 3 | 14 0 | 14 1 | 14 2 | 14 3 |
| 3½ | 16 1 | 16 2 | 17 0 | 17 1 |
| 4 | 18 3 | 19 0 | 19 2 | 19 3 |
| 4½ | 21 0 | 21 2 | 21 3 | 22 1 |
| 5 | 23 1 | 23 3 | 24 1 | 24 3 |
| 5½ | 25 3 | 26 1 | 26 3 | 27 1 |
| 6 | 28 0 | 28 2 | 29 1 | 29 3 |
| 6½ | 30 2 | 31 0 | 31 2 | 32 1 |
| 7 | 32 3 | 33 1 | 34 0 | 34 3 |
| 7½ | 35 0 | 35 3 | 36 2 | 37 1 |
| 8 | 37 2 | 38 1 | 39 0 | 39 3 |
| 8½ | 39 3 | 40 2 | 41 1 | 42 0 |
| 9 | 42 1 | 43 0 | 43 3 | 44 2 |
| 9½ | 44 2 | 45 1 | 46 1 | 47 0 |
| 10 | 46 3 | 47 3 | 48 3 | 49 2 |
| 10½ | 49 0 | 50 0 | 51 0 | 52 0 |
| 11 | 51 2 | 52 2 | 53 2 | 54 2 |
| 11½ | 53 3 | 55 0 | 56 0 | 57 0 |
| 12 | 56 1 | 57 1 | 58 2 | 59 2 |
| 12½ | 58 2 | 59 3 | 60 3 | 62 0 |
| 13 | 61 0 | 62 0 | 63 1 | 64 2 |
| 13½ | 63 1 | 64 2 | 65 3 | 67 0 |
| 14 | 65 2 | 66 3 | 68 1 | 69 2 |
| 14½ | 68 0 | 69 1 | 70 2 | 72 0 |
| 15 | 70 1 | 71 3 | 73 0 | 74 2 |
| 15½ | 72 3 | 74 0 | 75 2 | 77 0 |
| 16 | 75 0 | 76 2 | 78 0 | 79 2 |
| 16½ | 77 2 | 78 3 | 80 1 | 81 3 |
| 17 | 79 3 | 81 1 | 82 3 | 84 1 |
| 17½ | 82 0 | 83 2 | 85 1 | 86 3 |
| 18 | 84 2 | 86 0 | 87 3 | 89 1 |
| 18½ | 86 3 | 88 2 | 90 0 | 91 3 |
| 19 | 89 0 | 90 3 | 92 2 | 94 1 |
| 19½ | 91 2 | 93 1 | 95 0 | 96 3 |
| 20 | 93 3 | 95 2 | 97 2 | 99 1 |
| 20½ | 96 0 | 98 0 | 99 3 | 101 3 |
| 21 | 98 2 | 100 1 | 102 1 | 104 1 |
| 21½ | 100 3 | 102 3 | 104 3 | 106 3 |
| 22 | 103 1 | 105 1 | 107 1 | 109 1 |
| 22½ | 105 2 | 107 2 | 109 2 | 111 3 |
| 23 | 107 3 | 110 0 | 112 0 | 114 1 |
| 23½ | 110 1 | 112 1 | 114 2 | 116 3 |
| 24 | 112 2 | 114 3 | 117 0 | 119 1 |
| 24½ | 115 0 | 117 0 | 119 1 | 121 2 |
| 25 | 117 1 | 119 2 | 121 3 | 124 0 |
| 25½ | 119 2 | 122 0 | 124 1 | 126 2 |

| Feet Long. | *Inches square.* 26 | 26¼ | 26½ | 26¾ |
|---|---|---|---|---|
| | F. Q. | F. Q. | F. Q. | F. Q. |
| 26 | 122 0 | 124 1 | 126 3 | 129 0 |
| 26½ | 124 1 | 126 3 | 129 0 | 131 2 |
| 27 | 126 3 | 129 0 | 131 2 | 134 0 |
| 27½ | 129 0 | 131 2 | 134 0 | 136 2 |
| 28 | 131 1 | 133 3 | 136 2 | 139 0 |
| 28½ | 133 3 | 136 1 | 138 3 | 141 2 |
| 29 | 136 0 | 138 3 | 141 1 | 144 0 |
| 29½ | 138 1 | 141 0 | 143 3 | 146 2 |
| 30 | 140 3 | 143 2 | 146 1 | 149 0 |
| 30½ | 143 0 | 145 3 | 148 2 | 151 2 |
| 31 | 145 2 | 148 1 | 151 0 | 154 0 |
| 31½ | 147 3 | 150 2 | 153 2 | 156 2 |
| 32 | 150 0 | 153 0 | 156 0 | 159 0 |
| 32½ | 152 2 | 155 2 | 158 1 | 161 1 |
| 33 | 154 3 | 157 3 | 160 3 | 163 3 |
| 33½ | 157 1 | 160 1 | 163 1 | 166 1 |
| 34 | 159 2 | 162 2 | 165 3 | 168 3 |
| 34½ | 161 3 | 165 0 | 168 0 | 171 1 |
| 35 | 164 1 | 167 1 | 170 2 | 173 3 |
| 35½ | 166 2 | 169 3 | 173 0 | 176 1 |
| 36 | 169 0 | 172 1 | 175 2 | 178 3 |
| 36½ | 171 1 | 174 2 | 178 0 | 181 1 |
| 37 | 173 2 | 177 0 | 180 1 | 183 3 |
| 37½ | 176 0 | 179 1 | 182 3 | 186 1 |
| 38 | 178 1 | 181 3 | 185 1 | 188 3 |
| 38½ | 180 2 | 184 0 | 187 3 | 191 1 |
| 39 | 183 0 | 186 2 | 190 0 | 193 3 |
| 39½ | 185 1 | 189 0 | 192 2 | 196 1 |
| 40 | 187 3 | 191 1 | 195 0 | 198 3 |

| Feet Long. | Inches square. 27 | 27¼ | 27½ | 27¾ |
|---|---|---|---|---|
| | F. Q. | F. Q. | F. Q. | F. Q. |
| 1 | 5 0 | 5 0 | 5 1 | 5 1 |
| 1½ | 7 2 | 7 2 | 7 3 | 8 0 |
| 2 | 10 0 | 10 1 | 10 2 | 10 2 |
| 2½ | 12 2 | 12 3 | 13 0 | 13 1 |
| 3 | 15 0 | 15 1 | 15 3 | 16 0 |
| 3½ | 17 2 | 18 0 | 18 1 | 18 2 |
| 4 | 20 1 | 20 2 | 21 0 | 21 1 |
| 4½ | 22 3 | 23 0 | 23 2 | 24 0 |
| 5 | 25 1 | 25 3 | 26 1 | 26 2 |
| 5½ | 27 3 | 28 1 | 28 3 | 29 2 |
| 6 | 30 1 | 30 3 | 31 2 | 32 0 |
| 6½ | 32 3 | 33 2 | 34 0 | 34 3 |
| 7 | 35 1 | 36 0 | 36 3 | 37 1 |
| 7½ | 37 3 | 38 2 | 39 1 | 40 0 |
| 8 | 40 2 | 41 1 | 42 0 | 42 3 |
| 8½ | 43 0 | 43 3 | 44 2 | 45 1 |
| 9 | 45 2 | 46 1 | 47 1 | 48 2 |
| 9½ | 48 0 | 48 3 | 49 3 | 50 3 |
| 10 | 50 2 | 51 2 | 52 2 | 53 1 |
| 10½ | 53 0 | 54 0 | 55 0 | 56 0 |
| 11 | 55 2 | 56 2 | 57 3 | 58 3 |
| 11½ | 58 0 | 59 1 | 60 1 | 61 1 |
| 12 | 60 3 | 61 3 | 63 0 | 64 0 |
| 12½ | 63 1 | 64 1 | 65 2 | 66 3 |
| 13 | 65 3 | 67 0 | 68 1 | 69 2 |
| 13½ | 68 1 | 69 2 | 70 3 | 72 0 |
| 14 | 70 3 | 72 0 | 73 2 | 74 3 |
| 14½ | 73 1 | 74 3 | 76 0 | 77 2 |
| 15 | 75 3 | 77 1 | 78 3 | 80 0 |
| 15½ | 78 1 | 79 3 | 81 1 | 82 3 |
| 16 | 81 0 | 82 2 | 84 0 | 85 2 |
| 16½ | 83 2 | 85 0 | 86 2 | 88 0 |
| 17 | 86 0 | 87 2 | 89 1 | 90 2 |
| 17½ | 88 2 | 90 0 | 91 3 | 93 2 |
| 18 | 91 0 | 92 3 | 94 2 | 96 1 |
| 18½ | 93 2 | 95 1 | 97 0 | 98 3 |
| 19 | 96 0 | 97 3 | 99 3 | 101 2 |
| 19½ | 98 2 | 100 2 | 102 1 | 104 1 |
| 20 | 101 1 | 103 0 | 105 0 | 106 3 |
| 20½ | 103 3 | 105 2 | 107 2 | 109 2 |
| 21 | 106 1 | 108 1 | 110 1 | 112 1 |
| 21½ | 108 3 | 110 3 | 112 3 | 114 3 |
| 22 | 111 1 | 113 1 | 115 2 | 117 2 |
| 22½ | 113 3 | 116 0 | 118 0 | 120 1 |
| 23 | 116 1 | 118 2 | 120 3 | 122 3 |
| 23½ | 118 3 | 121 0 | 123 1 | 125 2 |
| 24 | 121 2 | 123 3 | 126 0 | 128 1 |
| 24½ | 124 0 | 126 1 | 128 2 | 131 0 |
| 25 | 126 2 | 128 3 | 131 1 | 133 2 |
| 25½ | 129 0 | 131 1 | 133 3 | 136 1 |

| Feet Long. | Inches square. 27 | 27¼ | 27½ | 27¾ |
|---|---|---|---|---|
| | F. Q. | F. Q. | F. Q. | F. Q. |
| 26 | 131 2 | 134 0 | 136 2 | 139 0 |
| 26½ | 134 0 | 136 2 | 139 0 | 141 2 |
| 27 | 136 2 | 139 0 | 141 3 | 144 1 |
| 27½ | 139 0 | 141 3 | 144 1 | 147 0 |
| 28 | 141 3 | 144 1 | 147 0 | 149 2 |
| 28½ | 144 1 | 146 3 | 149 2 | 152 1 |
| 29 | 146 3 | 149 2 | 152 1 | 155 0 |
| 29½ | 149 1 | 152 0 | 154 3 | 157 3 |
| 30 | 151 3 | 154 2 | 157 2 | 160 1 |
| 30½ | 154 1 | 157 1 | 160 0 | 163 0 |
| 31 | 156 3 | 159 3 | 162 3 | 165 3 |
| 31½ | 159 1 | 162 1 | 165 1 | 168 1 |
| 32 | 162 0 | 165 0 | 168 0 | 171 0 |
| 32½ | 164 2 | 167 2 | 170 2 | 173 3 |
| 33 | 167 0 | 170 0 | 173 1 | 176 1 |
| 33½ | 169 2 | 172 2 | 175 3 | 179 0 |
| 34 | 172 0 | 175 1 | 178 2 | 181 3 |
| 34½ | 174 2 | 177 3 | 181 0 | 184 1 |
| 35 | 177 0 | 180 1 | 183 3 | 187 0 |
| 35½ | 179 2 | 183 0 | 186 1 | 189 3 |
| 36 | 182 1 | 185 2 | 189 0 | 192 2 |
| 36½ | 184 3 | 188 0 | 191 2 | 195 0 |
| 37 | 187 1 | 190 3 | 194 1 | 197 3 |
| 37½ | 189 3 | 193 1 | 196 3 | 200 2 |
| 38 | 192 1 | 195 3 | 199 2 | 203 0 |
| 38½ | 194 3 | 198 2 | 202 0 | 205 3 |
| 39 | 197 1 | 201 0 | 204 3 | 208 2 |
| 39½ | 199 3 | 203 2 | 207 1 | 211 0 |
| 40 | 202 1 | 206 1 | 210 0 | 213 3 |

| Feet Long. | Inches square. 28 | 28¼ | 28½ | 28¾ |
|---|---|---|---|---|
| | F. Q. | F. Q. | F. Q. | F. Q. |
| 1 | 5 1 | 5 2 | 5 2 | 5 2 |
| 1½ | 8 0 | 8 1 | 8 1 | 8 2 |
| 2 | 10 3 | 11 0 | 11 1 | 11 1 |
| 2½ | 13 2 | 13 3 | 14 0 | 14 1 |
| 3 | 16 1 | 16 2 | 16 3 | 17 0 |
| 3½ | 19 0 | 19 1 | 19 2 | 20 0 |
| 4 | 21 3 | 22 0 | 22 2 | 22 3 |
| 4½ | 24 2 | 24 3 | 25 1 | 25 3 |
| 5 | 27 0 | 27 2 | 28 0 | 28 2 |
| 5½ | 29 3 | 30 1 | 31 0 | 31 2 |
| 6 | 32 2 | 33 1 | 33 3 | 34 1 |
| 6½ | 35 1 | 36 0 | 36 2 | 37 1 |
| 7 | 38 0 | 38 3 | 39 1 | 40 0 |
| 7½ | 40 3 | 41 2 | 42 1 | 43 0 |
| 8 | 43 2 | 44 1 | 45 0 | 45 3 |
| 8½ | 46 1 | 47 0 | 47 3 | 48 3 |
| 9 | 49 0 | 49 3 | 50 3 | 51 2 |
| 9½ | 51 2 | 52 2 | 53 2 | 54 2 |
| 10 | 54 1 | 55 1 | 56 1 | 57 1 |
| 10½ | 57 0 | 58 0 | 59 0 | 60 1 |
| 11 | 59 3 | 60 3 | 62 0 | 63 0 |
| 11½ | 62 2 | 63 2 | 64 3 | 66 0 |
| 12 | 65 1 | 66 2 | 67 2 | 68 3 |
| 12½ | 68 0 | 69 1 | 70 2 | 71 3 |
| 13 | 70 3 | 72 0 | 73 1 | 74 2 |
| 13½ | 73 2 | 74 3 | 76 0 | 77 1 |
| 14 | 76 0 | 77 2 | 78 3 | 80 1 |
| 14½ | 78 3 | 80 1 | 81 3 | 83 0 |
| 15 | 81 2 | 83 0 | 84 2 | 86 0 |
| 15½ | 84 1 | 85 3 | 87 1 | 88 3 |
| 16 | 87 0 | 88 2 | 90 1 | 91 3 |
| 16½ | 89 3 | 91 1 | 93 0 | 94 2 |
| 17 | 92 2 | 94 0 | 95 3 | 97 2 |
| 17½ | 95 1 | 96 3 | 98 2 | 100 1 |
| 18 | 98 0 | 99 3 | 101 2 | 103 1 |
| 18½ | 100 2 | 102 2 | 104 1 | 106 0 |
| 19 | 103 1 | 105 1 | 107 0 | 109 0 |
| 19½ | 106 0 | 108 0 | 109 3 | 111 3 |
| 20 | 108 3 | 110 3 | 112 3 | 114 3 |
| 20½ | 111 2 | 113 2 | 115 2 | 117 2 |
| 21 | 114 1 | 116 1 | 118 1 | 120 2 |
| 21½ | 117 0 | 119 0 | 121 1 | 123 1 |
| 22 | 119 3 | 121 3 | 124 0 | 126 1 |
| 22½ | 122 2 | 124 2 | 126 3 | 129 0 |
| 23 | 125 0 | 127 1 | 129 2 | 132 0 |
| 23½ | 127 3 | 130 0 | 132 2 | 134 3 |
| 24 | 130 2 | 133 0 | 135 1 | 137 3 |
| 24½ | 133 1 | 135 3 | 138 0 | 140 2 |
| 25 | 136 0 | 138 2 | 141 0 | 143 2 |
| 25½ | 138 3 | 141 1 | 143 3 | 146 1 |

| Feet Long. | Inches square. 28 | 28¼ | 28½ | 28¾ |
|---|---|---|---|---|
| | F. Q. | F. Q. | F. Q. | F. Q. |
| 26 | 141 2 | 144 0 | 146 2 | 149 0 |
| 26½ | 144 1 | 145 3 | 149 1 | 152 0 |
| 27 | 147 0 | 149 2 | 152 1 | 154 3 |
| 27½ | 149 2 | 152 1 | 155 0 | 157 3 |
| 28 | 152 1 | 155 0 | 157 3 | 160 2 |
| 28½ | 155 0 | 157 3 | 160 3 | 163 2 |
| 29 | 157 3 | 160 2 | 163 2 | 166 1 |
| 29½ | 160 2 | 163 1 | 166 1 | 169 1 |
| 30 | 163 1 | 166 1 | 169 0 | 172 0 |
| 30½ | 166 0 | 169 0 | 172 0 | 175 0 |
| 31 | 168 3 | 171 3 | 174 3 | 177 3 |
| 31½ | 171 2 | 174 2 | 177 2 | 180 3 |
| 32 | 174 0 | 177 1 | 180 2 | 183 2 |
| 32½ | 176 3 | 180 0 | 183 1 | 186 2 |
| 33 | 179 2 | 182 3 | 186 0 | 189 1 |
| 33½ | 182 1 | 185 2 | 188 3 | 192 1 |
| 34 | 185 0 | 188 1 | 191 3 | 195 0 |
| 34½ | 187 3 | 191 0 | 194 2 | 198 0 |
| 35 | 190 2 | 193 3 | 197 1 | 200 3 |
| 35½ | 193 1 | 196 2 | 200 0 | 203 3 |
| 36 | 196 0 | 199 2 | 203 0 | 206 2 |
| 36½ | 198 2 | 202 1 | 205 3 | 209 2 |
| 37 | 201 1 | 205 0 | 208 2 | 212 1 |
| 37½ | 204 0 | 207 3 | 211 2 | 215 1 |
| 38 | 206 3 | 210 2 | 214 1 | 218 0 |
| 38½ | 209 2 | 213 1 | 217 0 | 220 3 |
| 39 | 212 1 | 216 0 | 219 3 | 223 3 |
| 39½ | 215 0 | 218 3 | 222 3 | 226 2 |
| 40 | 217 3 | 221 2 | 225 2 | 229 2 |

| Feet Long. | *Inches square.* 29 | 29¼ | 29½ | 29¾ |
|---|---|---|---|---|
| | F. Q. | F. Q. | F. Q. | F. Q. |
| 1 | 5 3 | 5 3 | 6 0 | 6 0 |
| 1½ | 8 3 | 8 3 | 9 0 | 9 0 |
| 2 | 11 2 | 11 3 | 12 0 | 12 1 |
| 2½ | 14 2 | 14 3 | 15 0 | 15 1 |
| 3 | 17 2 | 17 3 | 18 0 | 18 1 |
| 3½ | 20 1 | 20 3 | 21 0 | 21 2 |
| 4 | 23 1 | 23 3 | 24 0 | 24 2 |
| 4½ | 26 1 | 26 2 | 27 0 | 27 2 |
| 5 | 29 0 | 29 2 | 30 0 | 30 2 |
| 5½ | 32 0 | 32 2 | 33 0 | 33 3 |
| 6 | 35 0 | 35 2 | 36 1 | 36 3 |
| 6½ | 37 3 | 38 2 | 39 1 | 39 3 |
| 7 | 40 3 | 41 2 | 42 1 | 43 0 |
| 7½ | 43 3 | 44 2 | 45 1 | 46 0 |
| 8 | 46 2 | 47 2 | 48 1 | 49 0 |
| 8½ | 49 2 | 50 2 | 51 1 | 52 0 |
| 9 | 52 2 | 53 1 | 54 1 | 55 1 |
| 9½ | 55 1 | 56 1 | 57 1 | 58 1 |
| 10 | 58 1 | 59 1 | 60 1 | 61 1 |
| 10½ | 61 1 | 62 1 | 63 1 | 64 2 |
| 11 | 64 0 | 65 1 | 66 1 | 67 2 |
| 11½ | 67 0 | 68 1 | 69 1 | 70 2 |
| 12 | 70 0 | 71 1 | 72 2 | 73 3 |
| 12½ | 73 0 | 74 1 | 75 2 | 76 3 |
| 13 | 75 3 | 77 0 | 78 2 | 79 3 |
| 13½ | 78 3 | 80 0 | 81 2 | 82 3 |
| 14 | 81 3 | 83 0 | 84 2 | 86 0 |
| 14½ | 84 2 | 86 0 | 87 2 | 89 0 |
| 15 | 87 2 | 89 0 | 90 2 | 92 0 |
| 15½ | 90 2 | 92 0 | 93 2 | 95 1 |
| 16 | 93 1 | 95 0 | 96 2 | 98 1 |
| 16½ | 96 1 | 98 0 | 99 2 | 101 1 |
| 17 | 99 1 | 101 0 | 102 2 | 104 1 |
| 17½ | 102 0 | 103 3 | 105 3 | 107 2 |
| 18 | 105 0 | 106 3 | 108 3 | 110 2 |
| 18½ | 108 0 | 109 3 | 111 3 | 113 2 |
| 19 | 110 3 | 112 3 | 114 3 | 116 3 |
| 19½ | 113 3 | 115 3 | 117 3 | 119 3 |
| 20 | 116 3 | 118 3 | 120 3 | 122 3 |
| 20½ | 119 2 | 121 3 | 123 3 | 125 3 |
| 21 | 122 2 | 124 3 | 126 3 | 129 0 |
| 21½ | 125 2 | 127 2 | 129 3 | 132 0 |
| 22 | 128 1 | 130 2 | 132 3 | 135 0 |
| 22½ | 131 1 | 133 2 | 135 3 | 138 1 |
| 23 | 134 1 | 136 2 | 138 3 | 141 1 |
| 23½ | 137 0 | 139 2 | 142 0 | 144 1 |
| 24 | 140 0 | 142 2 | 145 0 | 147 2 |
| 24½ | 143 0 | 145 2 | 148 0 | 150 2 |
| 25 | 146 0 | 148 2 | 151 0 | 153 2 |
| 25½ | 148 3 | 151 2 | 154 0 | 156 2 |

| Feet Long. | *Inches square.* 29 | 29¼ | 29½ | 29¾ |
|---|---|---|---|---|
| | F. Q. | F. Q. | F. Q. | F. Q. |
| 26 | 151 3 | 154 1 | 157 0 | 159 3 |
| 26½ | 154 3 | 157 1 | 160 0 | 162 3 |
| 27 | 157 2 | 160 1 | 163 0 | 165 3 |
| 27½ | 160 2 | 163 1 | 166 0 | 169 0 |
| 28 | 163 2 | 166 1 | 169 0 | 172 0 |
| 28½ | 166 1 | 169 1 | 172 0 | 175 0 |
| 29 | 169 1 | 172 1 | 175 1 | 178 0 |
| 29½ | 172 1 | 175 1 | 178 1 | 181 1 |
| 30 | 175 0 | 178 0 | 181 1 | 184 1 |
| 30½ | 178 0 | 181 0 | 184 1 | 187 1 |
| 31 | 181 0 | 184 0 | 187 1 | 190 2 |
| 31½ | 183 3 | 187 0 | 190 1 | 193 2 |
| 32 | 186 3 | 190 0 | 193 1 | 196 2 |
| 32½ | 189 3 | 193 0 | 196 1 | 199 3 |
| 33 | 192 2 | 196 0 | 199 1 | 202 3 |
| 33½ | 195 2 | 199 0 | 202 1 | 205 3 |
| 34 | 198 2 | 202 0 | 205 1 | 208 3 |
| 34½ | 201 1 | 204 3 | 208 1 | 212 0 |
| 35 | 204 1 | 207 3 | 211 2 | 215 0 |
| 35½ | 207 1 | 210 3 | 214 2 | 218 0 |
| 36 | 210 1 | 213 3 | 217 2 | 221 1 |
| 36½ | 213 0 | 216 3 | 220 2 | 224 1 |
| 37 | 216 0 | 219 3 | 223 2 | 227 1 |
| 37½ | 219 0 | 222 3 | 226 2 | 230 1 |
| 38 | 221 3 | 225 3 | 229 2 | 233 2 |
| 38½ | 224 3 | 228 2 | 232 2 | 236 2 |
| 39 | 227 3 | 231 2 | 235 2 | 239 2 |
| 39½ | 230 2 | 234 2 | 238 2 | 242 3 |
| 40 | 233 2 | 237 2 | 241 2 | 245 3 |

| Feet Long. | 30 | | 30½ | | 31 | | 31½ | | 32 | | 32½ | | 33 | | 33½ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | F. | Q. | F. | Q. | F. | Q. | F. | Q. | F. | Q. | F. | Q. | F. | Q. | F. | Q. |
| 1 | 6 | 1 | 6 | 1 | 6 | 2 | 6 | 3 | 7 | 0 | 7 | 1 | 7 | 2 | 7 | 3 |
| 1½ | 9 | 1 | 9 | 2 | 10 | 0 | 10 | 1 | 10 | 2 | 11 | 0 | 11 | 1 | 11 | 2 |
| 2 | 12 | 2 | 12 | 3 | 13 | 1 | 13 | 3 | 14 | 0 | 14 | 2 | 15 | 0 | 15 | 2 |
| 2½ | 15 | 2 | 16 | 0 | 16 | 2 | 17 | 0 | 17 | 3 | 18 | 1 | 18 | 3 | 19 | 1 |
| 3 | 18 | 3 | 19 | 1 | 20 | 0 | 20 | 2 | 21 | 1 | 22 | 0 | 22 | 2 | 23 | 1 |
| 3½ | 21 | 3 | 22 | 2 | 23 | 1 | 24 | 0 | 24 | 3 | 25 | 2 | 26 | 1 | 27 | 1 |
| 4 | 25 | 0 | 25 | 3 | 26 | 2 | 27 | 2 | 28 | 1 | 29 | 1 | 30 | 1 | 31 | 0 |
| 4½ | 28 | 0 | 29 | 0 | 30 | 0 | 31 | 0 | 32 | 0 | 33 | 0 | 34 | 0 | 35 | 0 |
| 5 | 31 | 1 | 32 | 1 | 33 | 1 | 34 | 1 | 35 | 2 | 36 | 2 | 37 | 3 | 38 | 3 |
| 5½ | 34 | 1 | 35 | 2 | 36 | 2 | 37 | 3 | 39 | 0 | 40 | 1 | 41 | 2 | 42 | 3 |
| 6 | 37 | 2 | 38 | 3 | 40 | 0 | 41 | 1 | 42 | 2 | 44 | 0 | 45 | 1 | 46 | 3 |
| 6½ | 40 | 2 | 41 | 3 | 43 | 1 | 44 | 3 | 46 | 0 | 47 | 2 | 49 | 0 | 50 | 2 |
| 7 | 43 | 3 | 45 | 0 | 46 | 2 | 48 | 0 | 49 | 3 | 51 | 1 | 52 | 3 | 54 | 2 |
| 7½ | 46 | 3 | 48 | 1 | 50 | 0 | 51 | 2 | 53 | 1 | 55 | 0 | 56 | 2 | 58 | 1 |
| 8 | 50 | 0 | 51 | 2 | 53 | 1 | 55 | 0 | 56 | 3 | 58 | 2 | 60 | 2 | 62 | 1 |
| 8½ | 53 | 0 | 54 | 3 | 56 | 2 | 58 | 2 | 60 | 1 | 62 | 1 | 64 | 1 | 66 | 0 |
| 9 | 56 | 1 | 58 | 0 | 60 | 0 | 62 | 0 | 64 | 0 | 66 | 0 | 68 | 0 | 70 | 0 |
| 9½ | 59 | 1 | 61 | 1 | 63 | 1 | 65 | 1 | 67 | 2 | 69 | 2 | 71 | 3 | 74 | 0 |
| 10 | 62 | 2 | 64 | 2 | 66 | 2 | 68 | 3 | 71 | 0 | 73 | 1 | 75 | 2 | 77 | 3 |
| 10½ | 65 | 2 | 67 | 3 | 70 | 0 | 72 | 0 | 74 | 2 | 77 | 0 | 79 | 1 | 81 | 3 |
| 11 | 68 | 3 | 71 | 0 | 73 | 1 | 75 | 2 | 78 | 0 | 80 | 2 | 83 | 0 | 85 | 2 |
| 11½ | 71 | 3 | 74 | 1 | 76 | 2 | 79 | 0 | 81 | 3 | 84 | 1 | 86 | 3 | 89 | 2 |
| 12 | 75 | 0 | 77 | 2 | 80 | 0 | 82 | 2 | 85 | 1 | 88 | 0 | 90 | 3 | 93 | 3 |

| Feet Long. | 34 | | 34½ | | 35 | | 35½ | | 36 | | 36½ | | 37 | | 37½ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | F. | Q. | F. | Q. | F. | Q. | F. | Q. | F. | Q. | F. | Q. | F. | Q. | F. | Q. |
| 1 | 8 | 0 | 8 | 1 | 8 | 2 | 8 | 3 | 9 | 0 | 9 | 1 | 9 | 2 | 9 | 3 |
| 1½ | 12 | 0 | 12 | 1 | 12 | 3 | 13 | 0 | 13 | 2 | 13 | 3 | 14 | 1 | 14 | 2 |
| 2 | 16 | 0 | 16 | 2 | 17 | 0 | 17 | 2 | 18 | 0 | 18 | 2 | 19 | 0 | 19 | 2 |
| 2½ | 20 | 0 | 20 | 2 | 21 | 1 | 21 | 3 | 22 | 2 | 23 | 0 | 23 | 3 | 24 | 1 |
| 3 | 24 | 0 | 24 | 3 | 25 | 2 | 26 | 1 | 27 | 0 | 27 | 3 | 28 | 2 | 29 | 1 |
| 3½ | 28 | 0 | 28 | 3 | 29 | 3 | 30 | 2 | 31 | 2 | 32 | 1 | 33 | 1 | 34 | 0 |
| 4 | 32 | 0 | 33 | 0 | 34 | 0 | 35 | 0 | 36 | 0 | 37 | 0 | 38 | 0 | 39 | 0 |
| 4½ | 36 | 0 | 37 | 0 | 38 | 1 | 39 | 1 | 40 | 2 | 41 | 2 | 42 | 3 | 43 | 3 |
| 5 | 40 | 0 | 41 | 1 | 42 | 2 | 43 | 3 | 45 | 0 | 46 | 1 | 47 | 2 | 48 | 3 |
| 5½ | 44 | 0 | 45 | 1 | 46 | 3 | 48 | 0 | 49 | 2 | 50 | 3 | 52 | 1 | 53 | 2 |
| 6 | 48 | 0 | 49 | 2 | 51 | 0 | 52 | 2 | 54 | 0 | 55 | 2 | 57 | 0 | 58 | 2 |
| 6½ | 52 | 0 | 53 | 2 | 55 | 1 | 56 | 3 | 58 | 2 | 60 | 0 | 61 | 3 | 63 | 1 |
| 7 | 56 | 0 | 57 | 3 | 59 | 2 | 61 | 1 | 63 | 0 | 64 | 3 | 66 | 2 | 68 | 1 |
| 7½ | 60 | 0 | 61 | 3 | 63 | 3 | 65 | 2 | 67 | 2 | 69 | 1 | 71 | 1 | 73 | 0 |
| 8 | 64 | 0 | 66 | 0 | 68 | 0 | 70 | 0 | 72 | 0 | 74 | 0 | 76 | 0 | 78 | 0 |
| 8½ | 68 | 0 | 70 | 1 | 72 | 1 | 74 | 1 | 76 | 2 | 78 | 2 | 80 | 3 | 83 | 0 |
| 9 | 72 | 1 | 74 | 1 | 76 | 2 | 78 | 3 | 81 | 0 | 83 | 1 | 85 | 2 | 87 | 3 |
| 9½ | 76 | 1 | 78 | 2 | 80 | 3 | 83 | 0 | 85 | 2 | 87 | 3 | 90 | 1 | 92 | 3 |
| 10 | 80 | 1 | 82 | 2 | 85 | 0 | 87 | 2 | 90 | 0 | 92 | 2 | 95 | 0 | 97 | 2 |
| 10½ | 84 | 1 | 86 | 3 | 89 | 1 | 91 | 3 | 94 | 2 | 97 | 0 | 99 | 3 | 102 | 2 |
| 11 | 88 | 1 | 90 | 3 | 93 | 2 | 96 | 1 | 99 | 0 | 101 | 3 | 104 | 2 | 107 | 1 |
| 11½ | 92 | 1 | 95 | 0 | 97 | 3 | 100 | 2 | 103 | 2 | 106 | 1 | 109 | 1 | 112 | 1 |
| 12 | 96 | 1 | 99 | 0 | 102 | 0 | 105 | 0 | 108 | 0 | 111 | 0 | 114 | 0 | 117 | 0 |

| Feet Long. | 38 | | 38½ | | 39 | | 39½ | | 40 | | 40½ | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | F. | Q. | F. | Q. | F. | Q. | F. | Q | F. | Q. | F. | Q. |
| 1 | 10 | 0 | 10 | 1 | 10 | 2 | 10 | 3 | 11 | 0 | 11 | 1 |
| 1½ | 15 | 0 | 15 | 1 | 15 | 3 | 16 | 1 | 16 | 2 | 17 | 0 |
| 2 | 20 | 0 | 20 | 2 | 21 | 0 | 21 | 2 | 22 | 0 | 22 | 3 |
| 2½ | 25 | 0 | 25 | 2 | 26 | 1 | 27 | 0 | 27 | 3 | 28 | 1 |
| 3 | 30 | 0 | 30 | 3 | 31 | 2 | 32 | 2 | 33 | 1 | 34 | 0 |
| 3½ | 35 | 0 | 36 | 0 | 36 | 3 | 37 | 3 | 38 | 3 | 39 | 3 |
| 4 | 40 | 0 | 41 | 0 | 42 | 1 | 43 | 1 | 44 | 1 | 45 | 2 |
| 4½ | 45 | 0 | 46 | 1 | 47 | 2 | 48 | 3 | 50 | 0 | 51 | 1 |
| 5 | 50 | 0 | 51 | 1 | 52 | 3 | 54 | 0 | 55 | 2 | 56 | 3 |
| 5½ | 55 | 0 | 56 | 2 | 58 | 0 | 59 | 2 | 61 | 0 | 62 | 2 |
| 6 | 60 | 0 | 61 | 3 | 63 | 1 | 65 | 0 | 66 | 2 | 68 | 1 |
| 6½ | 65 | 0 | 66 | 3 | 68 | 2 | 70 | 1 | 72 | 1 | 74 | 0 |
| 7 | 70 | 0 | 72 | 0 | 73 | 3 | 75 | 3 | 77 | 3 | 79 | 2 |
| 7½ | 75 | 0 | 77 | 0 | 79 | 0 | 81 | 0 | 83 | 1 | 85 | 1 |
| 8 | 80 | 0 | 82 | 1 | 84 | 2 | 86 | 2 | 88 | 3 | 91 | 0 |
| 8½ | 85 | 0 | 87 | 1 | 89 | 3 | 92 | 0 | 94 | 1 | 96 | 3 |
| 9 | 90 | 1 | 92 | 2 | 95 | 0 | 97 | 2 | 100 | 0 | 102 | 2 |
| 9½ | 95 | 1 | 97 | 3 | 100 | 1 | 102 | 3 | 105 | 2 | 108 | 0 |
| 10 | 100 | 1 | 102 | 3 | 105 | 2 | 108 | 1 | 111 | 0 | 113 | 3 |
| 10½ | 105 | 1 | 108 | 0 | 110 | 3 | 113 | 2 | 116 | 3 | 119 | 2 |
| 11 | 110 | 1 | 113 | 0 | 116 | 0 | 119 | 0 | 122 | 1 | 125 | 1 |
| 11½ | 115 | 1 | 118 | 1 | 121 | 1 | 124 | 2 | 127 | 3 | 130 | 3 |
| 12 | 120 | 1 | 123 | 2 | 126 | 3 | 130 | 0 | 133 | 2 | 136 | 2 |

| Feet Long. | 41 | | 41½ | | 42 | |
|---|---|---|---|---|---|---|
| | F. | Q | F. | Q. | F. | Q |
| 1 | 11 | 2 | 11 | 3 | 12 | 1 |
| 1½ | 17 | 2 | 17 | 3 | 18 | 1 |
| 2 | 23 | 1 | 23 | 3 | 24 | 2 |
| 2½ | 29 | 0 | 29 | 3 | 30 | 2 |
| 3 | 35 | 0 | 35 | 3 | 36 | 3 |
| 3½ | 40 | 3 | 41 | 3 | 42 | 3 |
| 4 | 46 | 2 | 47 | 3 | 49 | 0 |
| 4½ | 52 | 2 | 53 | 3 | 55 | 0 |
| 5 | 58 | 1 | 59 | 3 | 61 | 1 |
| 5½ | 64 | 0 | 65 | 3 | 67 | 1 |
| 6 | 70 | 0 | 71 | 3 | 73 | 2 |
| 6½ | 75 | 3 | 77 | 3 | 79 | 2 |
| 7 | 81 | 2 | 83 | 2 | 85 | 3 |
| 7½ | 87 | 2 | 89 | 2 | 91 | 3 |
| 8 | 93 | 1 | 95 | 2 | 98 | 0 |
| 8½ | 99 | 0 | 101 | 2 | 104 | 0 |
| 9 | 105 | 0 | 107 | 2 | 110 | 1 |
| 9½ | 110 | 3 | 113 | 2 | 116 | 1 |
| 10 | 116 | 2 | 119 | 2 | 122 | 2 |
| 10½ | 122 | 2 | 125 | 2 | 128 | 2 |
| 11 | 128 | 1 | 131 | 2 | 134 | 3 |
| 11½ | 134 | 0 | 137 | 2 | 140 | 3 |
| 12 | 140 | 0 | 143 | 2 | 147 | 0 |

# A TABLE,

SHEWING

# The exact Price, per FOOT SOLID,

OF

## *ROUND TIMBER AT FIFTY, OR SQUARE AT FORTY FEET TO THE TON.*

From 8*l.* down to 1*l.* 10*s.* per Ton.

| PRICE per TON. | 50 *Feet to the* ton, *per Foot solid.* | | | 40 *Feet to the* ton, *per Foot solid.* | | PRICE per TON. | 50 *Feet to the* ton, *per Foot solid.* | | | 40 *Feet to the* ton, *per Foot solid.* | |
|---|---|---|---|---|---|---|---|---|---|---|---|
| *L.* | *s.* | *d.* | 10*th* | *s.* | *d.* | *L.* | *s.* | *d.* | 10*th* | *s.* | *d.* |
| 8 0 0 | 3 | 2 | 4 | 4 | 0 | 4 12 6 | 1 | 10 | 2 | 2 | $3\frac{3}{4}$ |
| 7 17 6 | 3 | 1 | 8 | 3 | $11\frac{1}{4}$ | 4 10 0 | 1 | 9 | 6 | 2 | 3 |
| 7 15 0 | 3 | 1 | 2 | 3 | $10\frac{1}{2}$ | 4 7 6 | 1 | 9 | 0 | 2 | $2\frac{1}{4}$ |
| 7 12 6 | 3 | 0 | 6 | 3 | $9\frac{3}{4}$ | 4 5 0 | 1 | 8 | 4 | 2 | $1\frac{1}{2}$ |
| 7 10 0 | 3 | 0 | 0 | 3 | 9 | 4 2 6 | 1 | 7 | 8 | 2 | $0\frac{3}{4}$ |
| 7 7 6 | 2 | 11 | 4 | 3 | $8\frac{1}{4}$ | 4 0 0 | 1 | 7 | 2 | 2 | 0 |
| 7 5 0 | 2 | 10 | 8 | 3 | $7\frac{1}{2}$ | 3 17 6 | 1 | 6 | 6 | 1 | $11\frac{1}{4}$ |
| 7 2 6 | 2 | 10 | 2 | 3 | $6\frac{3}{4}$ | 3 15 0 | 1 | 6 | 0 | 1 | $10\frac{1}{2}$ |
| 7 0 0 | 2 | 9 | 6 | 3 | 6 | 3 12 6 | 1 | 5 | 4 | 1 | $9\frac{3}{4}$ |
| 6 17 6 | 2 | 9 | 0 | 3 | $5\frac{1}{4}$ | 3 10 0 | 1 | 4 | 8 | 1 | 9 |
| 6 15 0 | 2 | 8 | 4 | 3 | $4\frac{1}{2}$ | 3 7 6 | 1 | 4 | 2 | 1 | $8\frac{1}{4}$ |
| 6 12 6 | 2 | 7 | 8 | 3 | $3\frac{3}{4}$ | 3 5 0 | 1 | 3 | 6 | 1 | $7\frac{1}{2}$ |
| 6 10 0 | 2 | 7 | 2 | 3 | 3 | 3 2 6 | 1 | 3 | 0 | 1 | $6\frac{3}{4}$ |
| 6 7 6 | 2 | 6 | 6 | 3 | $2\frac{1}{4}$ | 3 0 0 | 1 | 2 | 4 | 1 | 6 |
| 6 5 0 | 2 | 6 | 0 | 3 | $1\frac{1}{2}$ | 2 17 6 | 1 | 1 | 8 | 1 | $5\frac{1}{4}$ |
| 6 2 6 | 2 | 5 | 4 | 3 | $0\frac{3}{4}$ | 2 15 0 | 1 | 1 | 2 | 1 | $4\frac{1}{2}$ |
| 6 0 0 | 2 | 4 | 8 | 3 | 0 | 2 12 6 | 1 | 0 | 6 | 1 | $3\frac{3}{4}$ |
| 5 17 6 | 2 | 4 | 2 | 2 | $11\frac{1}{4}$ | 2 10 0 | 1 | 0 | 0 | 1 | 3 |
| 5 15 0 | 2 | 3 | 6 | 2 | $10\frac{1}{2}$ | 2 7 6 | | 11 | 4 | 1 | $2\frac{1}{4}$ |
| 5 12 6 | 2 | 3 | 0 | 2 | $9\frac{3}{4}$ | 2 5 0 | | 10 | 8 | 1 | $1\frac{1}{2}$ |
| 5 10 0 | 2 | 2 | 4 | 2 | 9 | 2 2 6 | | 10 | 2 | 1 | $0\frac{3}{4}$ |
| 5 7 6 | 2 | 1 | 8 | 2 | $8\frac{1}{4}$ | 2 0 0 | | 9 | 6 | 1 | 0 |
| 5 5 0 | 2 | 1 | 2 | 2 | $7\frac{1}{2}$ | 1 17 6 | | 9 | 0 | | $11\frac{1}{4}$ |
| 5 2 6 | 2 | 0 | 6 | 2 | $6\frac{3}{4}$ | 1 15 0 | | 8 | 4 | | $10\frac{1}{2}$ |
| 5 0 0 | 2 | 0 | 0 | 2 | 6 | 1 12 6 | | 7 | 8 | | $9\frac{3}{4}$ |
| 4 17 6 | 1 | 11 | 4 | 2 | $5\frac{1}{4}$ | 1 10 0 | | 7 | 2 | | 9 |
| 4 15 0 | 1 | 10 | 8 | 2 | $4\frac{1}{2}$ | | | | | | |

AN

# EXPLANATION

OF THE FOREGOING

# *TABLES OF SOLID,*

AND THE FOLLOWING OF

# SUPERFICIAL MEASURE.

IN finding the Content of a Piece of Timber, Plank, or Board, *seek for your square in the* TABLES OF SOLID MEASURE, or *Breadth in the* TABLES OF SUPERFICIAL MEASURE which you have in numerical Order, at the Top of each Page; then cast your Eye down the Left-hand or first Column for your Length; after which, over against your Length, and under the Square of the Timber or Breadth of the Plank, you will find the Content in Feet and Quarters.

☞ It is to be observed, that these Tables extend 7 Feet longer than Mr. HOPPUS's London Edition, together with every Half Foot required from 1 to 50 Feet in Length, it being requisite in long Poland and Koningsberg Plank; whereas he only gives the half Foot at Bottom for the whole Page, which is not an exact Method.

| Feet Long. | *Inches broad.* 3 | | 3½ | |
|---|---|---|---|---|
| | F. | Q. | F. | Q. |
| 1 | 0 | 1 | 0 | 1 |
| 1½ | 0 | 1 | 0 | 1 |
| 2 | 0 | 2 | 0 | 2 |
| 2½ | 0 | 2 | 0 | 2 |
| 3 | 0 | 3 | 0 | 3 |
| 3½ | 0 | 3 | 1 | 0 |
| 4 | 1 | 0 | 1 | 0 |
| 4½ | 1 | 0 | 1 | 1 |
| 5 | 1 | 1 | 1 | 1 |
| 5½ | 1 | 1 | 1 | 2 |
| 6 | 1 | 2 | 1 | 3 |
| 6½ | 1 | 2 | 1 | 3 |
| 7 | 1 | 3 | 2 | 0 |
| 7½ | 1 | 3 | 2 | 0 |
| 8 | 2 | 0 | 2 | 1 |
| 8½ | 2 | 0 | 2 | 1 |
| 9 | 2 | 1 | 2 | 2 |
| 9½ | 2 | 1 | 2 | 3 |
| 10 | 2 | 2 | 2 | 3 |
| 10½ | 2 | 2 | 3 | 0 |
| 11 | 2 | 3 | 3 | 0 |
| 11½ | 2 | 3 | 3 | 1 |
| 12 | 3 | 0 | 3 | 2 |
| 12½ | 3 | 0 | 3 | 2 |
| 13 | 3 | 1 | 3 | 3 |
| 13½ | 3 | 1 | 3 | 3 |
| 14 | 3 | 2 | 4 | 0 |
| 14½ | 3 | 2 | 4 | 0 |
| 15 | 3 | 3 | 4 | 1 |
| 15½ | 3 | 3 | 4 | 2 |
| 16 | 4 | 0 | 4 | 2 |
| 16½ | 4 | 0 | 4 | 3 |
| 17 | 4 | 1 | 4 | 3 |
| 17½ | 4 | 1 | 5 | 0 |
| 18 | 4 | 2 | 5 | 1 |
| 18½ | 4 | 2 | 5 | 1 |
| 19 | 4 | 3 | 5 | 2 |
| 19½ | 4 | 3 | 5 | 2 |
| 20 | 5 | 0 | 5 | 3 |
| 20½ | 5 | 0 | 5 | 3 |
| 21 | 5 | 1 | 6 | 0 |
| 21½ | 5 | 1 | 6 | 1 |
| 22 | 5 | 2 | 6 | 1 |
| 22½ | 5 | 2 | 6 | 2 |
| 23 | 5 | 3 | 6 | 2 |
| 23½ | 5 | 3 | 6 | 3 |
| 24 | 6 | 0 | 7 | 0 |
| 24½ | 6 | 0 | 7 | 0 |
| 25 | 6 | 1 | 7 | 1 |
| 25½ | 6 | 1 | 7 | 1 |

| Feet Long. | *Inches broad.* 3 | | 3½ | |
|---|---|---|---|---|
| | F. | Q. | F. | Q. |
| 26 | 6 | 2 | 7 | 2 |
| 26½ | 6 | 2 | 7 | 2 |
| 27 | 6 | 3 | 7 | 3 |
| 27½ | 6 | 3 | 8 | 0 |
| 28 | 7 | 0 | 8 | 0 |
| 28½ | 7 | 0 | 8 | 1 |
| 29 | 7 | 1 | 8 | 1 |
| 29½ | 7 | 1 | 8 | 2 |
| 30 | 7 | 2 | 8 | 3 |
| 30½ | 7 | 2 | 8 | 3 |
| 31 | 7 | 3 | 9 | 0 |
| 31½ | 7 | 3 | 9 | 0 |
| 32 | 8 | 0 | 9 | 1 |
| 32½ | 8 | 0 | 9 | 1 |
| 33 | 8 | 1 | 9 | 2 |
| 33½ | 8 | 1 | 9 | 3 |
| 34 | 8 | 2 | 9 | 3 |
| 34½ | 8 | 2 | 10 | 0 |
| 35 | 8 | 3 | 10 | 0 |
| 35½ | 8 | 3 | 10 | 1 |
| 36 | 9 | 0 | 10 | 2 |
| 36½ | 9 | 0 | 10 | 2 |
| 37 | 9 | 1 | 10 | 3 |
| 37½ | 9 | 1 | 10 | 3 |
| 38 | 9 | 2 | 11 | 0 |
| 38½ | 9 | 2 | 11 | 0 |
| 39 | 9 | 3 | 11 | 1 |
| 39½ | 9 | 3 | 11 | 2 |
| 40 | 10 | 0 | 11 | 2 |
| 40½ | 10 | 0 | 11 | 3 |
| 41 | 10 | 1 | 11 | 3 |
| 41½ | 10 | 1 | 12 | 0 |
| 42 | 10 | 2 | 12 | 1 |
| 42½ | 10 | 2 | 12 | 1 |
| 43 | 10 | 3 | 12 | 2 |
| 43½ | 10 | 3 | 12 | 2 |
| 44 | 11 | 0 | 12 | 3 |
| 44½ | 11 | 0 | 12 | 3 |
| 45 | 11 | 1 | 13 | 0 |
| 45½ | 11 | 1 | 13 | 1 |
| 46 | 11 | 2 | 13 | 1 |
| 46½ | 11 | 2 | 13 | 2 |
| 47 | 11 | 3 | 13 | 2 |
| 47½ | 11 | 3 | 13 | 3 |
| 48 | 12 | 0 | 14 | 0 |
| 48½ | 12 | 0 | 14 | 0 |
| 49 | 12 | 1 | 14 | 1 |
| 49½ | 12 | 1 | 14 | 1 |
| 50 | 12 | 2 | 14 | 2 |

| Feet Long. | *Inches broad.* 4 | | 4½ | |
|---|---|---|---|---|
| | F. | Q. | F. | Q. |
| 1 | 0 | 1 | 0 | 1 |
| 1½ | 0 | 2 | 0 | 2 |
| 2 | 0 | 2 | 0 | 3 |
| 2½ | 0 | 3 | 0 | 3 |
| 3 | 1 | 0 | 1 | 0 |
| 3½ | 1 | 0 | 1 | 1 |
| 4 | 1 | 1 | 1 | 2 |
| 4½ | 1 | 2 | 1 | 2 |
| 5 | 1 | 2 | 1 | 3 |
| 5½ | 1 | 3 | 2 | 0 |
| 6 | 2 | 0 | 2 | 1 |
| 6½ | 2 | 0 | 2 | 1 |
| 7 | 2 | 1 | 2 | 2 |
| 7½ | 2 | 2 | 2 | 3 |
| 8 | 2 | 2 | 3 | 0 |
| 8½ | 2 | 3 | 3 | 0 |
| 9 | 3 | 0 | 3 | 1 |
| 9½ | 3 | 0 | 3 | 2 |
| 10 | 3 | 1 | 3 | 3 |
| 10½ | 3 | 2 | 3 | 3 |
| 11 | 3 | 2 | 4 | 0 |
| 11½ | 3 | 3 | 4 | 1 |
| 12 | 4 | 0 | 4 | 2 |
| 12½ | 4 | 0 | 4 | 2 |
| 13 | 4 | 1 | 4 | 3 |
| 13½ | 4 | 2 | 5 | 0 |
| 14 | 4 | 2 | 5 | 1 |
| 14½ | 4 | 3 | 5 | 1 |
| 15 | 5 | 0 | 5 | 2 |
| 15½ | 5 | 0 | 5 | 3 |
| 16 | 5 | 1 | 6 | 0 |
| 16½ | 5 | 2 | 6 | 0 |
| 17 | 5 | 2 | 6 | 1 |
| 17½ | 5 | 3 | 6 | 2 |
| 18 | 6 | 0 | 6 | 3 |
| 18½ | 6 | 0 | 6 | 3 |
| 19 | 6 | 1 | 7 | 0 |
| 19½ | 6 | 2 | 7 | 1 |
| 20 | 6 | 2 | 7 | 2 |
| 20½ | 6 | 3 | 7 | 2 |
| 21 | 7 | 0 | 7 | 3 |
| 21½ | 7 | 0 | 8 | 0 |
| 22 | 7 | 1 | 8 | 1 |
| 22½ | 7 | 2 | 8 | 1 |
| 23 | 7 | 2 | 8 | 2 |
| 23½ | 7 | 3 | 8 | 3 |
| 24 | 8 | 0 | 9 | 0 |
| 24½ | 8 | 0 | 9 | 0 |
| 25 | 8 | 1 | 9 | 1 |
| 25½ | 8 | 2 | 9 | 2 |

| Feet Long. | *Inches broad.* 4 | | 4½ | |
|---|---|---|---|---|
| | F. | Q. | Q. | F. |
| 26 | 8 | 2 | 9 | 3 |
| 26½ | 8 | 3 | 9 | 3 |
| 27 | 9 | 0 | 10 | 0 |
| 27½ | 9 | 0 | 10 | 1 |
| 28 | 9 | 1 | 10 | 2 |
| 28½ | 9 | 2 | 10 | 2 |
| 29 | 9 | 2 | 10 | 3 |
| 29½ | 9 | 3 | 11 | 0 |
| 30 | 10 | 0 | 11 | 1 |
| 30½ | 10 | 0 | 11 | 1 |
| 31 | 10 | 1 | 11 | 2 |
| 31½ | 10 | 2 | 11 | 3 |
| 32 | 10 | 2 | 12 | 0 |
| 32½ | 10 | 3 | 12 | 0 |
| 33 | 11 | 0 | 12 | 1 |
| 33½ | 11 | 0 | 12 | 2 |
| 34 | 11 | 1 | 12 | 3 |
| 34½ | 11 | 2 | 12 | 3 |
| 35 | 11 | 2 | 13 | 0 |
| 35½ | 11 | 3 | 13 | 1 |
| 36 | 12 | 0 | 13 | 2 |
| 36½ | 12 | 0 | 13 | 2 |
| 37 | 12 | 1 | 13 | 3 |
| 37½ | 12 | 2 | 14 | 0 |
| 38 | 12 | 2 | 14 | 1 |
| 38½ | 12 | 3 | 14 | 1 |
| 39 | 13 | 0 | 14 | 2 |
| 39½ | 13 | 0 | 14 | 3 |
| 40 | 13 | 1 | 15 | 0 |
| 40½ | 13 | 2 | 15 | 0 |
| 41 | 13 | 2 | 15 | 1 |
| 41½ | 13 | 3 | 15 | 2 |
| 42 | 14 | 0 | 15 | 3 |
| 42½ | 14 | 0 | 15 | 3 |
| 43 | 14 | 1 | 16 | 0 |
| 43½ | 14 | 2 | 16 | 1 |
| 44 | 14 | 2 | 16 | 2 |
| 44½ | 14 | 3 | 16 | 2 |
| 45 | 15 | 0 | 16 | 3 |
| 45½ | 15 | 0 | 17 | 0 |
| 46 | 15 | 1 | 17 | 1 |
| 46½ | 15 | 2 | 17 | 1 |
| 47 | 15 | 2 | 17 | 2 |
| 47½ | 15 | 3 | 17 | 3 |
| 48 | 16 | 0 | 18 | 0 |
| 48½ | 16 | 0 | 18 | 0 |
| 49 | 16 | 1 | 18 | 1 |
| 49½ | 16 | 2 | 18 | 2 |
| 50 | 16 | 2 | 18 | 3 |

| Feet Long. | *Inches broad.* 5 | | 5½ | |
|---|---|---|---|---|
| | F. | Q. | F. | Q. |
| 1 | 0 | 1 | 0 | 1 |
| 1½ | 0 | 2 | 0 | 2 |
| 2 | 0 | 3 | 0 | 3 |
| 2½ | 1 | 0 | 1 | 0 |
| 3 | 1 | 1 | 1 | 1 |
| 3½ | 1 | 1 | 1 | 2 |
| 4 | 1 | 2 | 1 | 3 |
| 4½ | 1 | 3 | 2 | 0 |
| 5 | 2 | 0 | 2 | 1 |
| 5½ | 2 | 1 | 2 | 2 |
| 6 | 2 | 2 | 2 | 3 |
| 6½ | 2 | 2 | 2 | 3 |
| 7 | 2 | 3 | 3 | 0 |
| 7½ | 3 | 0 | 3 | 1 |
| 8 | 3 | 1 | 3 | 2 |
| 8½ | 3 | 2 | 3 | 3 |
| 9 | 3 | 3 | 4 | 0 |
| 9½ | 3 | 3 | 4 | 1 |
| 10 | 4 | 0 | 4 | 2 |
| 10½ | 4 | 1 | 4 | 3 |
| 11 | 4 | 2 | 5 | 0 |
| 11½ | 4 | 3 | 5 | 1 |
| 12 | 5 | 0 | 5 | 2 |
| 12½ | 5 | 0 | 5 | 2 |
| 13 | 5 | 1 | 5 | 3 |
| 13½ | 5 | 2 | 6 | 0 |
| 14 | 5 | 3 | 6 | 1 |
| 14½ | 6 | 0 | 6 | 2 |
| 15 | 6 | 1 | 6 | 3 |
| 15½ | 6 | 1 | 7 | 0 |
| 16 | 6 | 2 | 7 | 1 |
| 16½ | 6 | 3 | 7 | 2 |
| 17 | 7 | 0 | 7 | 3 |
| 17½ | 7 | 1 | 8 | 0 |
| 18 | 7 | 2 | 8 | 1 |
| 18½ | 7 | 2 | 8 | 1 |
| 19 | 7 | 3 | 8 | 2 |
| 19½ | 8 | 0 | 8 | 3 |
| 20 | 8 | 1 | 9 | 0 |
| 20½ | 8 | 2 | 9 | 1 |
| 21 | 8 | 3 | 9 | 2 |
| 21½ | 8 | 3 | 9 | 3 |
| 22 | 9 | 0 | 10 | 0 |
| 22½ | 9 | 1 | 10 | 1 |
| 23 | 9 | 2 | 10 | 2 |
| 23½ | 9 | 3 | 10 | 3 |
| 24 | 10 | 0 | 11 | 0 |
| 24½ | 10 | 0 | 11 | 0 |
| 25 | 10 | 1 | 11 | 1 |
| 25½ | 10 | 2 | 11 | 2 |

| Feet Long. | *Inches broad.* 5 | | 5½ | |
|---|---|---|---|---|
| | F. | Q. | F. | Q. |
| 26 | 10 | 3 | 11 | 3 |
| 26½ | 11 | 0 | 12 | 0 |
| 27 | 11 | 1 | 12 | 1 |
| 27½ | 11 | 1 | 12 | 2 |
| 28 | 11 | 2 | 12 | 3 |
| 28½ | 11 | 3 | 13 | 0 |
| 29 | 12 | 0 | 13 | 1 |
| 29½ | 12 | 1 | 13 | 2 |
| 30 | 12 | 2 | 13 | 3 |
| 30½ | 12 | 2 | 13 | 3 |
| 31 | 12 | 3 | 14 | 0 |
| 31½ | 13 | 0 | 14 | 1 |
| 32 | 13 | 1 | 14 | 2 |
| 32½ | 13 | 2 | 14 | 3 |
| 33 | 13 | 3 | 15 | 0 |
| 33½ | 13 | 3 | 15 | 1 |
| 34 | 14 | 0 | 15 | 2 |
| 34½ | 14 | 1 | 15 | 3 |
| 35 | 14 | 2 | 16 | 0 |
| 35½ | 14 | 3 | 16 | 1 |
| 36 | 15 | 0 | 16 | 2 |
| 36½ | 15 | 0 | 16 | 2 |
| 37 | 15 | 1 | 16 | 3 |
| 37½ | 15 | 2 | 17 | 0 |
| 38 | 15 | 3 | 17 | 1 |
| 38½ | 16 | 0 | 17 | 2 |
| 39 | 16 | 1 | 17 | 3 |
| 39½ | 16 | 1 | 18 | 0 |
| 40 | 16 | 2 | 18 | 1 |
| 40½ | 16 | 3 | 18 | 2 |
| 41 | 17 | 0 | 18 | 3 |
| 41½ | 17 | 1 | 19 | 0 |
| 42 | 17 | 2 | 19 | 1 |
| 42½ | 17 | 2 | 19 | 1 |
| 43 | 17 | 3 | 19 | 2 |
| 43½ | 18 | 0 | 19 | 3 |
| 44 | 18 | 1 | 20 | 0 |
| 44½ | 18 | 2 | 20 | 1 |
| 45 | 18 | 3 | 20 | 2 |
| 45½ | 18 | 3 | 20 | 3 |
| 46 | 19 | 0 | 21 | 0 |
| 46½ | 19 | 1 | 21 | 1 |
| 47 | 19 | 2 | 21 | 2 |
| 47½ | 19 | 3 | 21 | 3 |
| 48 | 20 | 0 | 22 | 0 |
| 48½ | 20 | 0 | 22 | 0 |
| 49 | 20 | 1 | 22 | 1 |
| 49½ | 20 | 2 | 22 | 2 |
| 50 | 20 | 3 | 22 | 3 |

| Feet Long. | *Inches broad.* 6 | | 6½ | |
|---|---|---|---|---|
| | F. | Q. | F. | Q. |
| 1 | 0 | 2 | 0 | 2 |
| 1½ | 0 | 3 | 0 | 3 |
| 2 | 1 | 0 | 1 | 0 |
| 2½ | 1 | 1 | 1 | 1 |
| 3 | 1 | 2 | 1 | 2 |
| 3½ | 1 | 3 | 1 | 3 |
| 4 | 2 | 0 | 2 | 0 |
| 4½ | 2 | 1 | 2 | 1 |
| 5 | 2 | 2 | 2 | 2 |
| 5½ | 2 | 3 | 2 | 3 |
| 6 | 3 | 0 | 3 | 1 |
| 6½ | 3 | 1 | 3 | 2 |
| 7 | 3 | 2 | 3 | 3 |
| 7½ | 3 | 3 | 4 | 0 |
| 8 | 4 | 0 | 4 | 1 |
| 8½ | 4 | 1 | 4 | 2 |
| 9 | 4 | 2 | 4 | 3 |
| 9½ | 4 | 3 | 5 | 0 |
| 10 | 5 | 0 | 5 | 1 |
| 10½ | 5 | 1 | 5 | 2 |
| 11 | 5 | 2 | 5 | 3 |
| 11½ | 5 | 3 | 6 | 0 |
| 12 | 6 | 0 | 6 | 2 |
| 12½ | 6 | 1 | 6 | 3 |
| 13 | 6 | 2 | 7 | 0 |
| 13½ | 6 | 3 | 7 | 1 |
| 14 | 7 | 0 | 7 | 2 |
| 14½ | 7 | 1 | 7 | 3 |
| 15 | 7 | 2 | 8 | 0 |
| 15½ | 7 | 3 | 8 | 1 |
| 16 | 8 | 0 | 8 | 2 |
| 16½ | 8 | 1 | 8 | 3 |
| 17 | 8 | 2 | 9 | 0 |
| 17½ | 8 | 3 | 9 | 1 |
| 18 | 9 | 0 | 9 | 3 |
| 18½ | 9 | 1 | 10 | 0 |
| 19 | 9 | 2 | 10 | 1 |
| 19½ | 9 | 3 | 10 | 2 |
| 20 | 10 | 0 | 10 | 3 |
| 20½ | 10 | 1 | 11 | 0 |
| 21 | 10 | 2 | 11 | 1 |
| 21½ | 10 | 3 | 11 | 2 |
| 22 | 11 | 0 | 11 | 3 |
| 22½ | 11 | 1 | 12 | 0 |
| 23 | 11 | 2 | 12 | 1 |
| 23½ | 11 | 3 | 12 | 2 |
| 24 | 12 | 0 | 13 | 0 |
| 24½ | 12 | 1 | 13 | 1 |
| 25 | 12 | 2 | 13 | 2 |
| 25½ | 12 | 3 | 13 | 3 |

| Feet Long. | *Inches broad.* 6 | | 6½ | |
|---|---|---|---|---|
| | F. | Q. | F. | Q. |
| 26 | 13 | 0 | 14 | 0 |
| 26½ | 13 | 1 | 14 | 1 |
| 27 | 13 | 2 | 14 | 2 |
| 27½ | 13 | 3 | 14 | 3 |
| 28 | 14 | 0 | 15 | 0 |
| 28½ | 14 | 1 | 15 | 1 |
| 29 | 14 | 2 | 15 | 2 |
| 29½ | 14 | 3 | 15 | 3 |
| 30 | 15 | 0 | 16 | 1 |
| 30½ | 15 | 1 | 16 | 2 |
| 31 | 15 | 2 | 16 | 3 |
| 31½ | 15 | 3 | 17 | 0 |
| 32 | 16 | 0 | 17 | 1 |
| 32½ | 16 | 1 | 17 | 2 |
| 33 | 16 | 2 | 17 | 3 |
| 33½ | 16 | 3 | 18 | 0 |
| 34 | 17 | 0 | 18 | 1 |
| 34½ | 17 | 1 | 18 | 2 |
| 35 | 17 | 2 | 18 | 3 |
| 35½ | 17 | 3 | 19 | 0 |
| 36 | 18 | 0 | 19 | 2 |
| 36½ | 18 | 1 | 19 | 3 |
| 37 | 18 | 2 | 20 | 0 |
| 37½ | 18 | 3 | 20 | 1 |
| 38 | 19 | 0 | 20 | 2 |
| 38½ | 19 | 1 | 20 | 3 |
| 39 | 19 | 2 | 21 | 0 |
| 39½ | 19 | 3 | 21 | 1 |
| 40 | 20 | 0 | 21 | 2 |
| 40½ | 20 | 1 | 21 | 3 |
| 41 | 20 | 2 | 22 | 0 |
| 41½ | 20 | 3 | 22 | 1 |
| 42 | 21 | 0 | 22 | 3 |
| 42½ | 21 | 1 | 23 | 0 |
| 43 | 21 | 2 | 23 | 1 |
| 43½ | 21 | 3 | 23 | 2 |
| 44 | 22 | 0 | 23 | 3 |
| 44½ | 22 | 1 | 24 | 0 |
| 45 | 22 | 2 | 24 | 1 |
| 45½ | 22 | 3 | 24 | 2 |
| 46 | 23 | 0 | 24 | 3 |
| 46½ | 23 | 1 | 25 | 0 |
| 47 | 23 | 2 | 25 | 1 |
| 47½ | 23 | 3 | 25 | 2 |
| 48 | 24 | 0 | 26 | 0 |
| 48½ | 24 | 1 | 26 | 1 |
| 49 | 24 | 2 | 26 | 2 |
| 49½ | 24 | 3 | 26 | 3 |
| 50 | 25 | 0 | 27 | 0 |

| Feet Long. | *Inches broad.* 7 | | 7½ | | Feet Long. | *Inches broad.* 7 | | 7½ | |
|---|---|---|---|---|---|---|---|---|---|
| | F. | Q. | F. | Q. | | F. | Q. | F. | Q. |
| 1 | 0 | 2 | 0 | 2 | 26 | 15 | 0 | 16 | 1 |
| 1½ | 0 | 3 | 0 | 3 | 26½ | 15 | 1 | 16 | 2 |
| 2 | 1 | 0 | 1 | 1 | 27 | 15 | 3 | 16 | 3 |
| 2½ | 1 | 1 | 1 | 2 | 27½ | 16 | 0 | 17 | 0 |
| 3 | 1 | 3 | 1 | 3 | 28 | 16 | 1 | 17 | 2 |
| 3½ | 2 | 0 | 2 | 0 | 28½ | 16 | 2 | 17 | 3 |
| 4 | 2 | 1 | 2 | 2 | 29 | 16 | 3 | 18 | 0 |
| 4½ | 2 | 2 | 2 | 3 | 29½ | 17 | 0 | 18 | 1 |
| 5 | 2 | 3 | 3 | 0 | 30 | 17 | 2 | 18 | 3 |
| 5½ | 3 | 0 | 3 | 1 | 30½ | 17 | 3 | 19 | 0 |
| 6 | 3 | 2 | 3 | 3 | 31 | 18 | 0 | 19 | 1 |
| 6½ | 3 | 3 | 4 | 0 | 31½ | 18 | 1 | 19 | 2 |
| 7 | 4 | 0 | 4 | 1 | 32 | 18 | 2 | 20 | 0 |
| 7½ | 4 | 1 | 4 | 2 | 32½ | 18 | 3 | 20 | 1 |
| 8 | 4 | 2 | 5 | 0 | 33 | 19 | 1 | 20 | 2 |
| 8½ | 4 | 3 | 5 | 1 | 33½ | 19 | 2 | 20 | 3 |
| 9 | 5 | 1 | 5 | 2 | 34 | 19 | 3 | 21 | 1 |
| 9½ | 5 | 2 | 5 | 3 | 34½ | 20 | 0 | 21 | 2 |
| 10 | 5 | 3 | 6 | 1 | 35 | 20 | 1 | 21 | 3 |
| 10½ | 6 | 0 | 6 | 2 | 35½ | 20 | 2 | 22 | 0 |
| 11 | 6 | 1 | 6 | 3 | 36 | 21 | 0 | 22 | 2 |
| 11½ | 6 | 2 | 7 | 0 | 36½ | 21 | 1 | 22 | 3 |
| 12 | 7 | 0 | 7 | 2 | 37 | 21 | 2 | 23 | 0 |
| 12½ | 7 | 1 | 7 | 3 | 37½ | 21 | 3 | 23 | 1 |
| 13 | 7 | 2 | 8 | 0 | 38 | 22 | 0 | 23 | 3 |
| 13½ | 7 | 3 | 8 | 1 | 38½ | 22 | 1 | 24 | 0 |
| 14 | 8 | 0 | 8 | 3 | 39 | 22 | 3 | 24 | 1 |
| 14½ | 8 | 1 | 9 | 0 | 39½ | 23 | 0 | 24 | 2 |
| 15 | 8 | 3 | 9 | 1 | 40 | 23 | 1 | 25 | 0 |
| 15½ | 9 | 0 | 9 | 2 | 40½ | 23 | 2 | 25 | 1 |
| 16 | 9 | 1 | 10 | 0 | 41 | 23 | 3 | 25 | 2 |
| 16½ | 9 | 2 | 10 | 1 | 41½ | 24 | 0 | 25 | 3 |
| 17 | 9 | 3 | 10 | 2 | 42 | 24 | 2 | 26 | 1 |
| 17½ | 10 | 0 | 10 | 3 | 42½ | 24 | 3 | 26 | 2 |
| 18 | 10 | 2 | 11 | 1 | 43 | 25 | 0 | 26 | 3 |
| 18½ | 10 | 3 | 11 | 2 | 43½ | 25 | 1 | 27 | 0 |
| 19 | 11 | 0 | 11 | 3 | 44 | 25 | 2 | 27 | 2 |
| 19½ | 11 | 1 | 12 | 0 | 44½ | 25 | 3 | 27 | 3 |
| 20 | 11 | 2 | 12 | 2 | 45 | 26 | 1 | 28 | 0 |
| 20½ | 11 | 3 | 12 | 3 | 45½ | 26 | 2 | 28 | 1 |
| 21 | 12 | 1 | 13 | 0 | 46 | 26 | 3 | 28 | 3 |
| 21½ | 12 | 2 | 13 | 1 | 46½ | 27 | 0 | 29 | 0 |
| 22 | 12 | 3 | 13 | 3 | 47 | 27 | 1 | 29 | 1 |
| 22½ | 13 | 0 | 14 | 0 | 47½ | 27 | 2 | 29 | 2 |
| 23 | 13 | 1 | 14 | 1 | 48 | 28 | 0 | 30 | 0 |
| 23½ | 13 | 2 | 14 | 2 | 48½ | 28 | 1 | 30 | 1 |
| 24 | 14 | 0 | 15 | 0 | 49 | 28 | 2 | 30 | 2 |
| 24½ | 14 | 1 | 15 | 1 | 49½ | 28 | 3 | 30 | 3 |
| 25 | 14 | 2 | 15 | 2 | 50 | 29 | 0 | 31 | 1 |
| 25½ | 14 | 3 | 15 | 3 | | | | | |

| Feet Long. | *Inches broad.* 8 | | 8½ | | Feet Long. | *Inches broad.* 8 | | 8½ | |
|---|---|---|---|---|---|---|---|---|---|
| | F. | Q. | F. | Q. | | F. | Q. | F. | Q. |
| 1 | 0 | 2 | 0 | 2 | 26 | 17 | 1 | 18 | 1 |
| 1½ | 1 | 0 | 1 | 0 | 26½ | 17 | 2 | 18 | 3 |
| 2 | 1 | 1 | 1 | 1 | 27 | 18 | 0 | 19 | 0 |
| 2½ | 1 | 2 | 1 | 3 | 27½ | 18 | 1 | 19 | 1 |
| 3 | 2 | 0 | 2 | 0 | 28 | 18 | 2 | 19 | 3 |
| 3½ | 2 | 1 | 2 | 1 | 28½ | 19 | 0 | 20 | 0 |
| 4 | 2 | 2 | 2 | 3 | 29 | 19 | 1 | 20 | 2 |
| 4½ | 3 | 0 | 3 | 0 | 29½ | 19 | 2 | 20 | 3 |
| 5 | 3 | 1 | 3 | 2 | 30 | 20 | 0 | 21 | 1 |
| 5½ | 3 | 2 | 3 | 3 | 30½ | 20 | 1 | 21 | 2 |
| 6 | 4 | 0 | 4 | 1 | 31 | 20 | 2 | 21 | 3 |
| 6½ | 4 | 1 | 4 | 2 | 31½ | 21 | 0 | 22 | 1 |
| 7 | 4 | 2 | 4 | 3 | 32 | 21 | 1 | 22 | 2 |
| 7½ | 5 | 0 | 5 | 1 | 32½ | 21 | 2 | 23 | 0 |
| 8 | 5 | 1 | 5 | 2 | 33 | 22 | 0 | 23 | 1 |
| 8½ | 5 | 2 | 6 | 0 | 33½ | 22 | 1 | 23 | 2 |
| 9 | 6 | 0 | 6 | 1 | 34 | 22 | 2 | 24 | 0 |
| 9½ | 6 | 1 | 6 | 2 | 34½ | 23 | 0 | 24 | 1 |
| 10 | 6 | 2 | 7 | 0 | 35 | 23 | 1 | 24 | 3 |
| 10½ | 7 | 0 | 7 | 1 | 35½ | 23 | 2 | 25 | 0 |
| 11 | 7 | 1 | 7 | 3 | 36 | 24 | 0 | 25 | 2 |
| 11½ | 7 | 2 | 8 | 0 | 36½ | 24 | 1 | 25 | 3 |
| 12 | 8 | 0 | 8 | 2 | 37 | 24 | 2 | 26 | 0 |
| 12½ | 8 | 1 | 8 | 3 | 37½ | 25 | 0 | 26 | 2 |
| 13 | 8 | 2 | 9 | 0 | 38 | 25 | 1 | 26 | 3 |
| 13½ | 9 | 0 | 9 | 2 | 38½ | 25 | 2 | 27 | 1 |
| 14 | 9 | 1 | 9 | 3 | 39 | 26 | 0 | 27 | 2 |
| 14½ | 9 | 2 | 10 | 1 | 39½ | 26 | 1 | 27 | 3 |
| 15 | 10 | 0 | 10 | 2 | 40 | 26 | 2 | 28 | 1 |
| 15½ | 10 | 1 | 10 | 3 | 40½ | 27 | 0 | 28 | 2 |
| 16 | 10 | 2 | 11 | 1 | 41 | 27 | 1 | 29 | 0 |
| 16½ | 11 | 0 | 11 | 2 | 41½ | 27 | 2 | 29 | 1 |
| 17 | 11 | 1 | 12 | 0 | 42 | 28 | 0 | 29 | 3 |
| 17½ | 11 | 2 | 12 | 1 | 42½ | 28 | 1 | 30 | 0 |
| 18 | 12 | 0 | 12 | 3 | 43 | 28 | 2 | 30 | 1 |
| 18½ | 12 | 1 | 13 | 0 | 43½ | 29 | 0 | 30 | 3 |
| 19 | 12 | 2 | 13 | 1 | 44 | 29 | 1 | 31 | 0 |
| 19½ | 13 | 0 | 13 | 3 | 44½ | 29 | 2 | 31 | 2 |
| 20 | 13 | 1 | 14 | 0 | 45 | 30 | 0 | 31 | 3 |
| 20½ | 13 | 2 | 14 | 2 | 45½ | 30 | 1 | 32 | 0 |
| 21 | 14 | 0 | 14 | 3 | 46 | 30 | 2 | 32 | 2 |
| 21½ | 14 | 1 | 15 | 0 | 46½ | 31 | 0 | 32 | 3 |
| 22 | 14 | 2 | 15 | 2 | 47 | 31 | 1 | 33 | 1 |
| 22½ | 15 | 0 | 15 | 3 | 47½ | 31 | 2 | 33 | 2 |
| 23 | 15 | 1 | 16 | 1 | 48 | 32 | 0 | 34 | 0 |
| 23½ | 15 | 2 | 16 | 2 | 48½ | 32 | 1 | 34 | 1 |
| 24 | 16 | 0 | 17 | 0 | 49 | 32 | 2 | 34 | 2 |
| 24½ | 16 | 1 | 17 | 1 | 49½ | 33 | 0 | 35 | 0 |
| 25 | 16 | 2 | 17 | 2 | 50 | 33 | 1 | 35 | 1 |
| 25½ | 17 | 0 | 18 | 0 | | | | | |

| Feet Long. | *Inches broad.* 9 | | 9½ | | Feet Long. | *Inches broad.* 9 | | 9½ | |
|---|---|---|---|---|---|---|---|---|---|
| | F. | Q. | F. | Q. | | F. | Q. | F. | Q. |
| 1 | 0 | 3 | 0 | 3 | 26 | 19 | 2 | 20 | 2 |
| 1½ | 1 | 0 | 1 | 0 | 26½ | 19 | 3 | 20 | 3 |
| 2 | 1 | 2 | 1 | 2 | 27 | 20 | 1 | 21 | 1 |
| 2½ | 1 | 3 | 1 | 3 | 27½ | 20 | 2 | 21 | 3 |
| 3 | 2 | 1 | 2 | 1 | 28 | 21 | 0 | 22 | 0 |
| 3½ | 2 | 2 | 2 | 3 | 28½ | 21 | 1 | 22 | 2 |
| 4 | 3 | 0 | 3 | 0 | 29 | 21 | 3 | 22 | 3 |
| 4½ | 3 | 1 | 3 | 2 | 29½ | 22 | 0 | 23 | 1 |
| 5 | 3 | 3 | 3 | 3 | 30 | 22 | 2 | 23 | 3 |
| 5½ | 4 | 0 | 4 | 1 | 30½ | 22 | 3 | 24 | 0 |
| 6 | 4 | 2 | 4 | 3 | 31 | 23 | 1 | 24 | 2 |
| 6½ | 4 | 3 | 5 | 0 | 31½ | 23 | 2 | 24 | 3 |
| 7 | 5 | 1 | 5 | 2 | 32 | 24 | 0 | 25 | 1 |
| 7½ | 5 | 2 | 5 | 3 | 32½ | 24 | 1 | 25 | 2 |
| 8 | 6 | 0 | 6 | 1 | 33 | 24 | 3 | 26 | 0 |
| 8½ | 6 | 1 | 6 | 2 | 33½ | 25 | 0 | 26 | 2 |
| 9 | 6 | 3 | 7 | 0 | 34 | 25 | 2 | 26 | 3 |
| 9½ | 7 | 0 | 7 | 2 | 34½ | 25 | 3 | 27 | 1 |
| 10 | 7 | 2 | 7 | 3 | 35 | 26 | 1 | 27 | 2 |
| 10½ | 7 | 3 | 8 | 1 | 35½ | 26 | 2 | 28 | 0 |
| 11 | 8 | 1 | 8 | 2 | 36 | 27 | 0 | 28 | 2 |
| 11½ | 8 | 2 | 9 | 0 | 36½ | 27 | 1 | 28 | 3 |
| 12 | 9 | 0 | 9 | 2 | 37 | 27 | 3 | 29 | 1 |
| 12½ | 9 | 1 | 9 | 3 | 37½ | 28 | 0 | 29 | 2 |
| 13 | 9 | 3 | 10 | 1 | 38 | 28 | 2 | 30 | 0 |
| 13½ | 10 | 0 | 10 | 2 | 38½ | 28 | 3 | 30 | 1 |
| 14 | 10 | 2 | 11 | 0 | 39 | 29 | 1 | 30 | 3 |
| 14½ | 10 | 3 | 11 | 1 | 39½ | 29 | 2 | 31 | 1 |
| 15 | 11 | 1 | 11 | 3 | 40 | 30 | 0 | 31 | 2 |
| 15½ | 11 | 2 | 12 | 1 | 40½ | 30 | 1 | 32 | 0 |
| 16 | 12 | 0 | 12 | 2 | 41 | 30 | 3 | 32 | 1 |
| 16½ | 12 | 1 | 13 | 0 | 41½ | 31 | 0 | 32 | 3 |
| 17 | 12 | 3 | 13 | 1 | 42 | 31 | 2 | 33 | 1 |
| 17½ | 13 | 0 | 13 | 3 | 42½ | 31 | 3 | 33 | 2 |
| 18 | 13 | 2 | 14 | 1 | 43 | 32 | 1 | 34 | 0 |
| 18½ | 13 | 3 | 14 | 2 | 43½ | 32 | 2 | 34 | 1 |
| 19 | 14 | 1 | 15 | 0 | 44 | 33 | 0 | 34 | 3 |
| 19½ | 14 | 2 | 15 | 1 | 44½ | 33 | 1 | 35 | 0 |
| 20 | 15 | 0 | 15 | 3 | 45 | 33 | 3 | 35 | 2 |
| 20½ | 15 | 1 | 16 | 0 | 45½ | 34 | 0 | 36 | 0 |
| 21 | 15 | 3 | 16 | 2 | 46 | 34 | 2 | 36 | 1 |
| 21½ | 16 | 0 | 17 | 0 | 46½ | 34 | 3 | 36 | 3 |
| 22 | 16 | 2 | 17 | 1 | 47 | 35 | 1 | 37 | 0 |
| 22½ | 16 | 3 | 17 | 3 | 47½ | 35 | 2 | 37 | 2 |
| 23 | 17 | 1 | 18 | 0 | 48 | 36 | 0 | 38 | 0 |
| 23½ | 17 | 2 | 18 | 2 | 48½ | 36 | 1 | 38 | 1 |
| 24 | 18 | 0 | 19 | 0 | 49 | 36 | 3 | 38 | 3 |
| 24½ | 18 | 1 | 19 | 1 | 49½ | 37 | 0 | 39 | 0 |
| 25 | 18 | 3 | 19 | 3 | 50 | 37 | 2 | 39 | 2 |
| 25½ | 19 | 0 | 20 | 0 | | | | | |

| Feet Long. | *Inches broad.* 10 | | 10½ | |
|---|---|---|---|---|
| | F. | Q. | F. | Q. |
| 1 | 0 | 3 | 0 | 3 |
| 1½ | 1 | 1 | 1 | 1 |
| 2 | 1 | 2 | 1 | 3 |
| 2½ | 2 | 0 | 2 | 0 |
| 3 | 2 | 2 | 2 | 2 |
| 3½ | 2 | 3 | 3 | 0 |
| 4 | 3 | 1 | 3 | 2 |
| 4½ | 3 | 3 | 3 | 3 |
| 5 | 4 | 0 | 4 | 1 |
| 5½ | 4 | 2 | 4 | 3 |
| 6 | 5 | 0 | 5 | 1 |
| 6½ | 5 | 1 | 5 | 2 |
| 7 | 5 | 3 | 6 | 0 |
| 7½ | 6 | 1 | 6 | 2 |
| 8 | 6 | 2 | 7 | 0 |
| 8½ | 7 | 0 | 7 | 1 |
| 9 | 7 | 2 | 7 | 3 |
| 9½ | 7 | 3 | 8 | 1 |
| 10 | 8 | 1 | 8 | 3 |
| 10½ | 8 | 3 | 9 | 0 |
| 11 | 9 | 0 | 9 | 2 |
| 11½ | 9 | 2 | 10 | 0 |
| 12 | 10 | 0 | 10 | 2 |
| 12½ | 10 | 1 | 10 | 3 |
| 13 | 10 | 3 | 11 | 1 |
| 13½ | 11 | 1 | 11 | 3 |
| 14 | 11 | 2 | 12 | 1 |
| 14½ | 12 | 0 | 12 | 2 |
| 15 | 12 | 2 | 13 | 0 |
| 15½ | 12 | 3 | 13 | 2 |
| 16 | 13 | 1 | 14 | 0 |
| 16½ | 13 | 3 | 14 | 1 |
| 17 | 14 | 0 | 14 | 3 |
| 17½ | 14 | 2 | 15 | 1 |
| 18 | 15 | 0 | 15 | 3 |
| 18½ | 15 | 1 | 16 | 0 |
| 19 | 15 | 3 | 16 | 2 |
| 19½ | 16 | 1 | 17 | 0 |
| 20 | 16 | 2 | 17 | 2 |
| 20½ | 17 | 0 | 17 | 3 |
| 21 | 17 | 2 | 18 | 1 |
| 21½ | 17 | 3 | 18 | 3 |
| 22 | 18 | 1 | 19 | 1 |
| 22½ | 18 | 3 | 19 | 2 |
| 23 | 19 | 0 | 20 | 0 |
| 23½ | 19 | 2 | 20 | 2 |
| 24 | 20 | 0 | 21 | 0 |
| 24½ | 20 | 1 | 21 | 1 |
| 25 | 20 | 3 | 21 | 3 |
| 25½ | 21 | 1 | 22 | 1 |

| Feet Long | *Inches broad.* 10 | | 10½ | |
|---|---|---|---|---|
| | F. | Q. | F. | Q. |
| 26 | 21 | 2 | 22 | 3 |
| 26½ | 22 | 0 | 23 | 0 |
| 27 | 22 | 2 | 23 | 2 |
| 27½ | 22 | 3 | 24 | 0 |
| 28 | 23 | 1 | 24 | 2 |
| 28½ | 23 | 3 | 24 | 3 |
| 29 | 24 | 0 | 25 | 1 |
| 29½ | 24 | 2 | 25 | 3 |
| 30 | 25 | 0 | 26 | 1 |
| 30½ | 25 | 1 | 26 | 2 |
| 31 | 25 | 3 | 27 | 0 |
| 31½ | 26 | 1 | 27 | 2 |
| 32 | 26 | 2 | 28 | 0 |
| 32½ | 27 | 0 | 28 | 1 |
| 33 | 27 | 2 | 28 | 3 |
| 33½ | 27 | 3 | 29 | 1 |
| 34 | 28 | 1 | 29 | 3 |
| 34½ | 28 | 3 | 30 | 0 |
| 35 | 29 | 0 | 30 | 2 |
| 35½ | 29 | 2 | 31 | 0 |
| 36 | 30 | 0 | 31 | 2 |
| 36½ | 30 | 1 | 31 | 3 |
| 37 | 30 | 3 | 32 | 1 |
| 37½ | 31 | 1 | 32 | 3 |
| 38 | 31 | 2 | 33 | 1 |
| 38½ | 32 | 0 | 33 | 2 |
| 39 | 32 | 2 | 34 | 0 |
| 39½ | 32 | 3 | 34 | 2 |
| 40 | 33 | 1 | 35 | 0 |
| 40½ | 33 | 3 | 35 | 1 |
| 41 | 34 | 0 | 35 | 3 |
| 41½ | 34 | 2 | 36 | 1 |
| 42 | 35 | 0 | 36 | 3 |
| 42½ | 35 | 1 | 37 | 0 |
| 43 | 35 | 3 | 37 | 2 |
| 43½ | 36 | 1 | 38 | 0 |
| 44 | 36 | 2 | 38 | 2 |
| 44½ | 37 | 0 | 38 | 3 |
| 45 | 37 | 2 | 39 | 1 |
| 45½ | 37 | 3 | 39 | 3 |
| 46 | 38 | 1 | 40 | 1 |
| 46½ | 38 | 3 | 40 | 2 |
| 47 | 39 | 0 | 41 | 0 |
| 47½ | 39 | 2 | 41 | 2 |
| 48 | 40 | 0 | 42 | 0 |
| 48½ | 40 | 1 | 42 | 1 |
| 49 | 40 | 3 | 42 | 3 |
| 49½ | 41 | 1 | 43 | 1 |
| 50 | 41 | 2 | 43 | 3 |

| Feet Long. | *Inches broad.* 11 | | 11½ | |
|---|---|---|---|---|
| | F | Q. | F. | Q. |
| 1 | 0 | 3 | 0 | 3 |
| 1½ | 1 | 1 | 1 | 1 |
| 2 | 1 | 3 | 1 | 3 |
| 2½ | 2 | 1 | 2 | 1 |
| 3 | 2 | 3 | 2 | 3 |
| 3½ | 3 | 0 | 3 | 1 |
| 4 | 3 | 2 | 3 | 3 |
| 4½ | 4 | 0 | 4 | 1 |
| 5 | 4 | 2 | 4 | 3 |
| 5½ | 5 | 0 | 5 | 1 |
| 6 | 5 | 2 | 5 | 3 |
| 6½ | 5 | 3 | 6 | 0 |
| 7 | 6 | 1 | 6 | 2 |
| 7½ | 6 | 3 | 7 | 0 |
| 8 | 7 | 1 | 7 | 2 |
| 8½ | 7 | 3 | 8 | 0 |
| 9 | 8 | 1 | 8 | 2 |
| 9½ | 8 | 2 | 9 | 0 |
| 10 | 9 | 0 | 9 | 2 |
| 10½ | 9 | 2 | 10 | 0 |
| 11 | 10 | 0 | 10 | 2 |
| 11½ | 10 | 2 | 11 | 0 |
| 12 | 11 | 0 | 11 | 2 |
| 12½ | 11 | 1 | 11 | 3 |
| 13 | 11 | 3 | 12 | 1 |
| 13½ | 12 | 1 | 12 | 3 |
| 14 | 12 | 3 | 13 | 1 |
| 14½ | 13 | 1 | 13 | 3 |
| 15 | 13 | 3 | 14 | 1 |
| 15½ | 14 | 0 | 14 | 3 |
| 16 | 14 | 2 | 15 | 1 |
| 16½ | 15 | 0 | 15 | 3 |
| 17 | 15 | 2 | 16 | 1 |
| 17½ | 16 | 0 | 16 | 3 |
| 18 | 16 | 2 | 17 | 1 |
| 18½ | 16 | 3 | 17 | 2 |
| 19 | 17 | 1 | 18 | 0 |
| 19½ | 17 | 3 | 18 | 2 |
| 20 | 18 | 1 | 19 | 0 |
| 20½ | 18 | 3 | 19 | 2 |
| 21 | 19 | 1 | 20 | 0 |
| 21½ | 19 | 2 | 20 | 2 |
| 22 | 20 | 0 | 21 | 0 |
| 22½ | 20 | 2 | 21 | 2 |
| 23 | 21 | 0 | 22 | 0 |
| 23½ | 21 | 2 | 22 | 2 |
| 24 | 22 | 0 | 23 | 0 |
| 24½ | 22 | 1 | 23 | 1 |
| 25 | 22 | 3 | 23 | 3 |
| 25½ | 23 | 1 | 24 | 1 |

| Feet Long. | *Inches broad.* 11 | | 11¼ | |
|---|---|---|---|---|
| | F. | Q. | F. | Q. |
| 26 | 23 | 3 | 24 | 3 |
| 26½ | 24 | 1 | 25 | 1 |
| 27 | 24 | 3 | 25 | 3 |
| 27½ | 25 | 0 | 26 | 1 |
| 28 | 25 | 2 | 26 | 3 |
| 28½ | 26 | 0 | 27 | 1 |
| 29 | 26 | 2 | 27 | 3 |
| 29½ | 27 | 0 | 28 | 1 |
| 30 | 27 | 2 | 28 | 3 |
| 30½ | 27 | 3 | 29 | 0 |
| 31 | 28 | 1 | 29 | 2 |
| 31½ | 28 | 3 | 30 | 0 |
| 32 | 29 | 1 | 30 | 2 |
| 32½ | 29 | 3 | 31 | 0 |
| 33 | 30 | 1 | 31 | 2 |
| 33½ | 30 | 2 | 32 | 0 |
| 34 | 31 | 0 | 32 | 2 |
| 34½ | 31 | 2 | 33 | 0 |
| 35 | 32 | 0 | 33 | 2 |
| 35½ | 32 | 2 | 34 | 0 |
| 36 | 33 | 0 | 34 | 2 |
| 36½ | 33 | 1 | 34 | 2 |
| 37 | 33 | 3 | 35 | 1 |
| 37½ | 34 | 1 | 35 | 3 |
| 38 | 34 | 3 | 36 | 1 |
| 38½ | 35 | 1 | 36 | 3 |
| 39 | 35 | 3 | 37 | 1 |
| 39½ | 36 | 0 | 37 | 3 |
| 40 | 36 | 2 | 38 | 1 |
| 40½ | 37 | 0 | 38 | 3 |
| 41 | 37 | 2 | 39 | 1 |
| 41½ | 38 | 0 | 39 | 3 |
| 42 | 38 | 2 | 40 | 1 |
| 42½ | 38 | 3 | 40 | 2 |
| 43 | 39 | 1 | 41 | 0 |
| 43½ | 39 | 3 | 41 | 2 |
| 44 | 40 | 1 | 42 | 0 |
| 44½ | 40 | 3 | 42 | 2 |
| 45 | 41 | 1 | 43 | 0 |
| 45½ | 41 | 2 | 43 | 2 |
| 46 | 42 | 0 | 44 | 0 |
| 46½ | 42 | 2 | 44 | 2 |
| 47 | 43 | 0 | 45 | 0 |
| 47½ | 43 | 2 | 45 | 2 |
| 48 | 44 | 0 | 46 | 0 |
| 48½ | 44 | 1 | 46 | 1 |
| 49 | 44 | 3 | 46 | 3 |
| 49½ | 45 | 1 | 47 | 1 |
| 50 | 45 | 3 | 47 | 3 |

| Feet Long. | *Inches broad.* 12 | | 12½ | | Feet Long. | *Inches broad.* 12 | | 12½ | |
|---|---|---|---|---|---|---|---|---|---|
| | F. | Q. | F. | Q. | | F. | Q. | F. | Q. |
| 1 | 1 | 0 | 1 | 0 | 26 | 26 | 0 | 27 | 0 |
| 1½ | 1 | 2 | 1 | 2 | 26½ | 26 | 2 | 27 | 2 |
| 2 | 2 | 0 | 2 | 0 | 27 | 27 | 0 | 28 | 0 |
| 2½ | 2 | 2 | 2 | 2 | 27½ | 27 | 2 | 28 | 2 |
| 3 | 3 | 0 | 3 | 0 | 28 | 28 | 0 | 29 | 0 |
| 3½ | 3 | 2 | 3 | 2 | 28½ | 28 | 2 | 29 | 2 |
| 4 | 4 | 0 | 4 | 0 | 29 | 29 | 0 | 30 | 0 |
| 4½ | 4 | 2 | 4 | 2 | 29½ | 29 | 2 | 30 | 2 |
| 5 | 5 | 0 | 5 | 0 | 30 | 30 | 0 | 31 | 1 |
| 5½ | 5 | 2 | 5 | 2 | 30½ | 30 | 2 | 31 | 3 |
| 6 | 6 | 0 | 6 | 1 | 31 | 31 | 0 | 32 | 1 |
| 6½ | 6 | 2 | 6 | 3 | 31½ | 31 | 2 | 32 | 3 |
| 7 | 7 | 0 | 7 | 1 | 32 | 32 | 0 | 33 | 1 |
| 7½ | 7 | 2 | 7 | 3 | 32½ | 32 | 2 | 33 | 3 |
| 8 | 8 | 0 | 8 | 1 | 33 | 33 | 0 | 34 | 1 |
| 8½ | 8 | 2 | 8 | 3 | 33½ | 33 | 2 | 34 | 3 |
| 9 | 9 | 0 | 9 | 1 | 34 | 34 | 0 | 35 | 1 |
| 9½ | 9 | 2 | 9 | 3 | 34½ | 34 | 2 | 35 | 3 |
| 10 | 10 | 0 | 10 | 1 | 35 | 35 | 0 | 36 | 1 |
| 10½ | 10 | 2 | 10 | 3 | 35½ | 35 | 2 | 36 | 3 |
| 11 | 11 | 0 | 11 | 1 | 36 | 36 | 0 | 37 | 2 |
| 11½ | 11 | 2 | 11 | 3 | 36½ | 36 | 2 | 38 | 0 |
| 12 | 12 | 0 | 12 | 2 | 37 | 37 | 0 | 38 | 2 |
| 12½ | 12 | 2 | 13 | 0 | 37½ | 37 | 2 | 39 | 0 |
| 13 | 13 | 0 | 13 | 2 | 38 | 38 | 0 | 39 | 2 |
| 13½ | 13 | 2 | 14 | 0 | 38½ | 38 | 2 | 40 | 0 |
| 14 | 14 | 0 | 14 | 2 | 39 | 39 | 0 | 40 | 2 |
| 14½ | 14 | 2 | 15 | 0 | 39½ | 39 | 2 | 41 | 0 |
| 15 | 15 | 0 | 15 | 2 | 40 | 40 | 0 | 41 | 2 |
| 15½ | 15 | 2 | 15 | 0 | 40½ | 40 | 2 | 42 | 0 |
| 16 | 16 | 0 | 16 | 2 | 41 | 41 | 0 | 42 | 2 |
| 16½ | 16 | 2 | 17 | 0 | 41½ | 41 | 2 | 43 | 0 |
| 17 | 17 | 0 | 17 | 2 | 42 | 42 | 0 | 43 | 3 |
| 17½ | 17 | 2 | 18 | 0 | 42½ | 42 | 2 | 44 | 1 |
| 18 | 18 | 0 | 18 | 3 | 43 | 43 | 0 | 44 | 3 |
| 18½ | 18 | 2 | 19 | 1 | 43½ | 43 | 2 | 45 | 1 |
| 19 | 19 | 0 | 19 | 3 | 44 | 44 | 0 | 45 | 3 |
| 19½ | 19 | 2 | 20 | 1 | 44½ | 44 | 2 | 46 | 1 |
| 20 | 20 | 0 | 20 | 3 | 45 | 45 | 0 | 46 | 3 |
| 20½ | 20 | 2 | 21 | 1 | 45½ | 45 | 2 | 47 | 1 |
| 21 | 21 | 0 | 21 | 3 | 46 | 46 | 0 | 47 | 3 |
| 21½ | 21 | 2 | 22 | 1 | 46½ | 46 | 2 | 48 | 1 |
| 22 | 22 | 0 | 22 | 3 | 47 | 47 | 0 | 48 | 3 |
| 22½ | 22 | 2 | 23 | 1 | 47½ | 47 | 2 | 49 | 1 |
| 23 | 23 | 0 | 23 | 3 | 48 | 48 | 0 | 50 | 1 |
| 23½ | 23 | 2 | 24 | 1 | 48½ | 48 | 2 | 50 | 2 |
| 24 | 24 | 0 | 25 | 0 | 49 | 49 | 0 | 51 | 0 |
| 24½ | 24 | 2 | 25 | 2 | 49½ | 49 | 2 | 51 | 2 |
| 25 | 25 | 0 | 25 | 0 | 50 | 50 | 0 | 52 | 0 |
| 25½ | 25 | 2 | 26 | 2 | | | | | |

| Feet Long. | *Inches broad.* 13 | | 13½ | |
|---|---|---|---|---|
| | F. | Q. | F. | Q. |
| 1 | 1 | 0 | 1 | 0 |
| 1½ | 1 | 2 | 1 | 2 |
| 2 | 2 | 0 | 2 | 1 |
| 2½ | 2 | 2 | 2 | 3 |
| 3 | 3 | 1 | 3 | 1 |
| 3½ | 3 | 3 | 3 | 3 |
| 4 | 4 | 1 | 4 | 2 |
| 4½ | 4 | 3 | 5 | 0 |
| 5 | 5 | 1 | 5 | 2 |
| 5½ | 5 | 3 | 6 | 0 |
| 6 | 6 | 2 | 6 | 3 |
| 6½ | 7 | 0 | 7 | 1 |
| 7 | 7 | 2 | 7 | 3 |
| 7½ | 8 | 0 | 8 | 1 |
| 8 | 8 | 2 | 9 | 0 |
| 8½ | 9 | 0 | 9 | 2 |
| 9 | 9 | 3 | 10 | 0 |
| 9½ | 10 | 1 | 10 | 2 |
| 10 | 10 | 3 | 11 | 1 |
| 10½ | 11 | 1 | 11 | 3 |
| 11 | 11 | 3 | 12 | 1 |
| 11½ | 12 | 1 | 12 | 3 |
| 12 | 13 | 0 | 13 | 2 |
| 12½ | 13 | 2 | 14 | 0 |
| 13 | 14 | 0 | 14 | 2 |
| 13½ | 14 | 2 | 15 | 0 |
| 14 | 15 | 0 | 15 | 3 |
| 14½ | 15 | 2 | 16 | 1 |
| 15 | 16 | 1 | 16 | 3 |
| 15½ | 16 | 3 | 17 | 1 |
| 16 | 17 | 1 | 18 | 0 |
| 16½ | 17 | 3 | 18 | 2 |
| 17 | 18 | 1 | 19 | 0 |
| 17½ | 18 | 3 | 19 | 2 |
| 18 | 19 | 2 | 20 | 1 |
| 18½ | 20 | 0 | 20 | 3 |
| 19 | 20 | 2 | 21 | 1 |
| 19½ | 21 | 0 | 21 | 3 |
| 20 | 21 | 2 | 22 | 2 |
| 20½ | 22 | 0 | 23 | 0 |
| 21 | 22 | 3 | 23 | 2 |
| 21½ | 23 | 1 | 24 | 0 |
| 22 | 23 | 3 | 24 | 3 |
| 22½ | 24 | 1 | 25 | 1 |
| 23 | 24 | 3 | 25 | 3 |
| 23½ | 25 | 1 | 26 | 1 |
| 24 | 26 | 0 | 27 | 0 |
| 24½ | 26 | 2 | 27 | 2 |
| 25 | 27 | 0 | 28 | 0 |
| 25½ | 27 | 2 | 28 | 2 |

| Feet Long. | *Inches broad.* 13 | | 13½ | |
|---|---|---|---|---|
| | F. | Q. | F. | Q. |
| 26 | 28 | 0 | 29 | 1 |
| 26½ | 28 | 2 | 29 | 3 |
| 27 | 29 | 1 | 30 | 1 |
| 27½ | 29 | 3 | 30 | 3 |
| 28 | 30 | 1 | 31 | 2 |
| 28½ | 30 | 3 | 32 | 0 |
| 29 | 31 | 1 | 32 | 2 |
| 29½ | 31 | 3 | 33 | 0 |
| 30 | 32 | 2 | 33 | 3 |
| 30½ | 33 | 0 | 34 | 1 |
| 31 | 33 | 2 | 34 | 3 |
| 31½ | 34 | 0 | 35 | 1 |
| 32 | 34 | 2 | 36 | 0 |
| 32½ | 35 | 0 | 36 | 2 |
| 33 | 35 | 3 | 37 | 0 |
| 33½ | 36 | 1 | 37 | 2 |
| 34 | 36 | 3 | 38 | 1 |
| 34½ | 37 | 1 | 38 | 3 |
| 35 | 37 | 3 | 39 | 1 |
| 35½ | 38 | 1 | 39 | 3 |
| 36 | 39 | 0 | 40 | 2 |
| 36½ | 39 | 2 | 41 | 0 |
| 37 | 40 | 0 | 41 | 2 |
| 37½ | 40 | 2 | 42 | 0 |
| 38 | 41 | 0 | 42 | 3 |
| 38½ | 41 | 2 | 43 | 1 |
| 39 | 42 | 1 | 43 | 3 |
| 39½ | 42 | 3 | 44 | 1 |
| 40 | 43 | 1 | 45 | 0 |
| 40½ | 43 | 3 | 45 | 2 |
| 41 | 44 | 1 | 46 | 0 |
| 41½ | 44 | 3 | 46 | 2 |
| 42 | 45 | 2 | 47 | 1 |
| 42½ | 46 | 0 | 47 | 3 |
| 43 | 46 | 2 | 48 | 1 |
| 43½ | 47 | 0 | 48 | 3 |
| 44 | 47 | 2 | 49 | 2 |
| 44½ | 48 | 0 | 50 | 0 |
| 45 | 48 | 3 | 50 | 2 |
| 45½ | 49 | 1 | 51 | 0 |
| 46 | 49 | 3 | 51 | 3 |
| 46½ | 50 | 1 | 52 | 1 |
| 47 | 50 | 3 | 52 | 3 |
| 47½ | 51 | 1 | 53 | 1 |
| 48 | 52 | 0 | 54 | 0 |
| 48½ | 52 | 2 | 54 | 2 |
| 49 | 53 | 0 | 55 | 0 |
| 49½ | 53 | 2 | 55 | 2 |
| 50 | 54 | 0 | 56 | 1 |

| Feet Long. | *Inches broad.* 14 | | 14½ | | Feet Long. | *Inches broad.* 14 | | 14½ | |
|---|---|---|---|---|---|---|---|---|---|
| | F. | Q. | F. | Q. | | F. | Q. | F. | Q. |
| 1 | 1 | 0 | 1 | 0 | 26 | 30 | 1 | 31 | 1 |
| 1½ | 1 | 3 | 1 | 3 | 26½ | 30 | 3 | 32 | 0 |
| 2 | 2 | 1 | 2 | 1 | 27 | 31 | 2 | 32 | 2 |
| 2½ | 2 | 3 | 3 | 0 | 27½ | 32 | 0 | 33 | 0 |
| 3 | 3 | 2 | 3 | 2 | 28 | 32 | 2 | 33 | 3 |
| 3½ | 4 | 0 | 4 | 0 | 28½ | 33 | 1 | 34 | 1 |
| 4 | 4 | 2 | 4 | 3 | 29 | 33 | 3 | 35 | 0 |
| 4½ | 5 | 1 | 5 | 1 | 29½ | 34 | 1 | 35 | 2 |
| 5 | 5 | 3 | 6 | 0 | 30 | 35 | 0 | 36 | 1 |
| 5½ | 6 | 1 | 6 | 2 | 30½ | 35 | 2 | 36 | 3 |
| 6 | 7 | 0 | 7 | 1 | 31 | 36 | 0 | 37 | 1 |
| 6½ | 7 | 2 | 7 | 3 | 31½ | 36 | 3 | 38 | 0 |
| 7 | 8 | 0 | 8 | 1 | 32 | 37 | 1 | 38 | 2 |
| 7½ | 8 | 3 | 9 | 0 | 32½ | 37 | 3 | 39 | 1 |
| 8 | 9 | 1 | 9 | 2 | 33 | 38 | 2 | 39 | 3 |
| 8½ | 9 | 3 | 10 | 1 | 33½ | 39 | 0 | 40 | 1 |
| 9 | 10 | 2 | 10 | 3 | 34 | 39 | 2 | 41 | 0 |
| 9½ | 11 | 0 | 11 | 1 | 34½ | 40 | 1 | 41 | 2 |
| 10 | 11 | 2 | 12 | 0 | 35 | 40 | 3 | 42 | 1 |
| 10½ | 12 | 1 | 12 | 2 | 35½ | 41 | 1 | 42 | 3 |
| 11 | 12 | 3 | 13 | 1 | 36 | 42 | 0 | 43 | 2 |
| 11½ | 13 | 1 | 13 | 3 | 36½ | 42 | 2 | 14 | 0 |
| 12 | 14 | 0 | 14 | 2 | 37 | 43 | 0 | 44 | 2 |
| 12½ | 14 | 2 | 15 | 0 | 37½ | 43 | 3 | 45 | 1 |
| 13 | 15 | 0 | 15 | 2 | 38 | 44 | 1 | 45 | 3 |
| 13½ | 15 | 3 | 16 | 1 | 38½ | 44 | 3 | 46 | 2 |
| 14 | 16 | 1 | 16 | 3 | 39 | 45 | 2 | 47 | 0 |
| 14½ | 16 | 3 | 17 | 2 | 39½ | 46 | 0 | 47 | 2 |
| 15 | 17 | 2 | 18 | 0 | 40 | 46 | 2 | 48 | 1 |
| 15½ | 18 | 0 | 18 | 2 | 40½ | 47 | 1 | 48 | 3 |
| 16 | 18 | 2 | 19 | 1 | 41 | 47 | 3 | 49 | 2 |
| 16½ | 19 | 1 | 19 | 3 | 41½ | 48 | 1 | 50 | 0 |
| 17 | 19 | 3 | 20 | 2 | 42 | 49 | 0 | 50 | 3 |
| 17½ | 20 | 1 | 21 | 0 | 42½ | 49 | 2 | 51 | 1 |
| 18 | 21 | 0 | 21 | 3 | 43 | 50 | 0 | 51 | 3 |
| 18½ | 21 | 2 | 22 | 1 | 43½ | 50 | 3 | 52 | 2 |
| 19 | 22 | 0 | 22 | 3 | 44 | 51 | 1 | 53 | 0 |
| 19½ | 22 | 3 | 23 | 2 | 44¼ | 51 | 3 | 53 | 3 |
| 20 | 23 | 1 | 24 | 0 | 45 | 52 | 2 | 54 | 1 |
| 20½ | 23 | 2 | 24 | 3 | 45½ | 53 | 0 | 54 | 3 |
| 21 | 24 | 2 | 25 | 1 | 46 | 53 | 2 | 55 | 2 |
| 21½ | 25 | 0 | 25 | 3 | 46½ | 54 | 1 | 56 | 0 |
| 22 | 25 | 2 | 26 | 2 | 47 | 54 | 3 | 56 | 3 |
| 22¼ | 26 | 1 | 27 | 0 | 47½ | 55 | 1 | 57 | 1 |
| 23 | 26 | 3 | 27 | 3 | 48 | 56 | 0 | 58 | 0 |
| 23½ | 27 | 1 | 28 | 1 | 48½ | 56 | 2 | 58 | 2 |
| 24 | 28 | 0 | 29 | 0 | 49 | 57 | 0 | 59 | 0 |
| 24½ | 28 | 2 | 29 | 2 | 49½ | 57 | 3 | 59 | 3 |
| 25 | 29 | 0 | 30 | 0 | 50 | 58 | 1 | 60 | 1 |
| 25½ | 29 | 3 | 30 | 3 | | | | | |

| Feet Long. | *Inches broad.* 15 | | 15½ | |
|---|---|---|---|---|
| | F. | Q. | F. | Q. |
| 1 | 1 | 1 | 1 | 1 |
| 1½ | 1 | 3 | 1 | 3 |
| 2 | 2 | 2 | 2 | 2 |
| 2½ | 3 | 0 | 3 | 0 |
| 3 | 3 | 3 | 3 | 3 |
| 3½ | 4 | 1 | 4 | 2 |
| 4 | 5 | 0 | 5 | 0 |
| 4½ | 5 | 2 | 5 | 3 |
| 5 | 6 | 1 | 6 | 1 |
| 5½ | 6 | 3 | 7 | 0 |
| 6 | 7 | 2 | 7 | 3 |
| 6½ | 8 | 0 | 8 | 1 |
| 7 | 8 | 3 | 9 | 0 |
| 7½ | 9 | 1 | 9 | 2 |
| 8 | 10 | 0 | 10 | 1 |
| 8½ | 10 | 2 | 10 | 3 |
| 9 | 11 | 1 | 11 | 2 |
| 9½ | 11 | 3 | 12 | 1 |
| 10 | 12 | 2 | 12 | 3 |
| 10½ | 13 | 0 | 13 | 2 |
| 11 | 13 | 3 | 14 | 0 |
| 11½ | 14 | 1 | 14 | 3 |
| 12 | 15 | 0 | 15 | 2 |
| 12½ | 15 | 2 | 16 | 0 |
| 13 | 16 | 1 | 16 | 3 |
| 13½ | 16 | 3 | 17 | 1 |
| 14 | 17 | 2 | 18 | 0 |
| 14½ | 18 | 0 | 18 | 2 |
| 15 | 18 | 3 | 19 | 1 |
| 15½ | 19 | 1 | 20 | 0 |
| 16 | 20 | 0 | 20 | 2 |
| 16½ | 20 | 2 | 21 | 1 |
| 17 | 21 | 1 | 21 | 3 |
| 17½ | 21 | 3 | 22 | 2 |
| 18 | 22 | 2 | 23 | 1 |
| 18½ | 23 | 0 | 23 | 3 |
| 19 | 23 | 3 | 24 | 2 |
| 19½ | 24 | 1 | 25 | 0 |
| 20 | 25 | 0 | 25 | 3 |
| 20½ | 25 | 2 | 26 | 1 |
| 21 | 26 | 1 | 27 | 0 |
| 21½ | 26 | 3 | 27 | 3 |
| 22 | 27 | 2 | 28 | 1 |
| 22½ | 28 | 0 | 29 | 0 |
| 23 | 28 | 3 | 29 | 2 |
| 23½ | 29 | 1 | 30 | 1 |
| 24 | 30 | 0 | 31 | 0 |
| 24½ | 30 | 2 | 31 | 2 |
| 25 | 31 | 1 | 32 | 1 |
| 25½ | 31 | 3 | 32 | 3 |

| Feet Long. | *Inches broad.* 15 | | 15½ | |
|---|---|---|---|---|
| | F. | Q. | F. | Q. |
| 26 | 32 | 2 | 33 | 2 |
| 26½ | 33 | 0 | 34 | 0 |
| 27 | 33 | 3 | 34 | 3 |
| 27½ | 34 | 1 | 35 | 2 |
| 28 | 35 | 0 | 36 | 0 |
| 28½ | 35 | 2 | 36 | 3 |
| 29 | 36 | 1 | 37 | 1 |
| 29½ | 36 | 3 | 38 | 0 |
| 30 | 37 | 2 | 38 | 3 |
| 30½ | 38 | 0 | 39 | 1 |
| 31 | 38 | 3 | 40 | 0 |
| 31½ | 39 | 1 | 40 | 2 |
| 32 | 40 | 0 | 41 | 1 |
| 32½ | 40 | 2 | 41 | 3 |
| 33 | 41 | 1 | 42 | 2 |
| 33½ | 41 | 3 | 43 | 1 |
| 34 | 42 | 2 | 43 | 3 |
| 34½ | 43 | 0 | 44 | 2 |
| 35 | 43 | 3 | 45 | 0 |
| 35½ | 44 | 1 | 45 | 3 |
| 36 | 45 | 0 | 46 | 2 |
| 36½ | 45 | 2 | 47 | 0 |
| 37 | 46 | 1 | 47 | 3 |
| 37½ | 46 | 3 | 48 | 1 |
| 38 | 47 | 2 | 49 | 0 |
| 38½ | 48 | 0 | 49 | 2 |
| 39 | 48 | 3 | 50 | 1 |
| 39½ | 49 | 1 | 51 | 0 |
| 40 | 50 | 0 | 51 | 2 |
| 40½ | 50 | 2 | 52 | 1 |
| 41 | 51 | 1 | 52 | 3 |
| 41½ | 51 | 3 | 53 | 2 |
| 42 | 52 | 2 | 54 | 1 |
| 42½ | 53 | 0 | 54 | 3 |
| 43 | 53 | 3 | 55 | 2 |
| 43½ | 54 | 1 | 56 | 0 |
| 44 | 55 | 0 | 56 | 3 |
| 44½ | 55 | 2 | 57 | 1 |
| 45 | 56 | 1 | 58 | 0 |
| 45½ | 56 | 3 | 58 | 3 |
| 46 | 57 | 2 | 59 | 1 |
| 46½ | 58 | 0 | 60 | 0 |
| 47 | 58 | 3 | 60 | 2 |
| 47½ | 59 | 1 | 61 | 1 |
| 48 | 60 | 0 | 62 | 0 |
| 48½ | 60 | 2 | 62 | 2 |
| 49 | 61 | 1 | 63 | 1 |
| 49½ | 61 | 3 | 63 | 3 |
| 50 | 62 | 2 | 64 | 2 |

| Feet Long. | *Inches broad.* 16 | | 16½ | | Feet Long. | *Inches broad.* 16 | | 16½ | |
|---|---|---|---|---|---|---|---|---|---|
| | F. | Q. | F. | Q. | | F. | Q. | F. | Q. |
| 1 | 1 | 1 | 1 | 1 | 26 | 34 | 2 | 35 | 3 |
| 1½ | 2 | 0 | 2 | 0 | 26½ | 35 | 1 | 36 | 1 |
| 2 | 2 | 2 | 2 | 3 | 27 | 36 | 0 | 37 | 0 |
| 2½ | 3 | 1 | 3 | 1 | 27½ | 36 | 2 | 37 | 3 |
| 3 | 4 | 0 | 4 | 0 | 28 | 37 | 1 | 38 | 2 |
| 3½ | 4 | 2 | 4 | 3 | 28½ | 38 | 0 | 39 | 0 |
| 4 | 5 | 1 | 5 | 2 | 29 | 38 | 2 | 39 | 3 |
| 4½ | 6 | 0 | 6 | 0 | 29½ | 39 | 1 | 40 | 2 |
| 5 | 6 | 2 | 6 | 3 | 30 | 40 | 0 | 41 | 1 |
| 5½ | 7 | 1 | 7 | 2 | 30½ | 40 | 2 | 41 | 3 |
| 6 | 8 | 0 | 8 | 1 | 31 | 41 | 1 | 42 | 2 |
| 6½ | 8 | 2 | 8 | 3 | 31½ | 42 | 0 | 43 | 1 |
| 7 | 9 | 1 | 9 | 2 | 32 | 42 | 2 | 44 | 0 |
| 7½ | 10 | 0 | 10 | 1 | 32½ | 43 | 1 | 44 | 2 |
| 8 | 10 | 2 | 11 | 0 | 33 | 44 | 0 | 45 | 1 |
| 8½ | 11 | 1 | 11 | 2 | 33½ | 44 | 2 | 46 | 0 |
| 9 | 12 | 0 | 12 | 1 | 34 | 45 | 1 | 46 | 3 |
| 9½ | 12 | 2 | 13 | 0 | 34½ | 46 | 0 | 47 | 1 |
| 10 | 13 | 1 | 13 | 3 | 35 | 46 | 2 | 48 | 0 |
| 10½ | 14 | 0 | 14 | 1 | 35½ | 47 | 1 | 48 | 3 |
| 11 | 14 | 2 | 15 | 0 | 36 | 48 | 0 | 49 | 2 |
| 11½ | 15 | 1 | 15 | 3 | 36½ | 48 | 2 | 50 | 0 |
| 12 | 16 | 0 | 16 | 2 | 37 | 49 | 1 | 50 | 3 |
| 12½ | 16 | 2 | 17 | 0 | 37½ | 50 | 0 | 51 | 2 |
| 13 | 17 | 1 | 17 | 3 | 38 | 50 | 2 | 52 | 1 |
| 13½ | 18 | 0 | 18 | 2 | 38½ | 51 | 1 | 52 | 3 |
| 14 | 18 | 2 | 19 | 1 | 39 | 52 | 0 | 53 | 2 |
| 14½ | 19 | 1 | 19 | 3 | 39½ | 52 | 2 | 54 | 1 |
| 15 | 20 | 0 | 20 | 2 | 40 | 53 | 1 | 55 | 0 |
| 15½ | 20 | 2 | 21 | 1 | 40½ | 54 | 0 | 55 | 2 |
| 16 | 21 | 1 | 22 | 0 | 41 | 54 | 2 | 56 | 1 |
| 16½ | 22 | 0 | 22 | 2 | 41½ | 55 | 1 | 57 | 0 |
| 17 | 22 | 2 | 23 | 1 | 42 | 56 | 0 | 57 | 3 |
| 17½ | 23 | 1 | 24 | 0 | 42½ | 56 | 2 | 58 | 1 |
| 18 | 24 | 0 | 24 | 3 | 43 | 57 | 1 | 59 | 0 |
| 18½ | 24 | 2 | 25 | 1 | 43½ | 58 | 0 | 59 | 3 |
| 19 | 25 | 1 | 26 | 0 | 44 | 58 | 2 | 60 | 2 |
| 19½ | 26 | 0 | 26 | 3 | 44½ | 59 | 1 | 61 | 0 |
| 20 | 26 | 2 | 27 | 2 | 45 | 60 | 0 | 61 | 3 |
| 20½ | 27 | 1 | 28 | 0 | 45½ | 60 | 2 | 62 | 2 |
| 21 | 28 | 0 | 28 | 3 | 46 | 61 | 1 | 63 | 1 |
| 21½ | 28 | 2 | 29 | 2 | 46½ | 62 | 0 | 63 | 3 |
| 22 | 29 | 1 | 30 | 1 | 47 | 62 | 2 | 64 | 2 |
| 22½ | 30 | 0 | 30 | 3 | 47½ | 63 | 1 | 65 | 1 |
| 23 | 30 | 2 | 31 | 2 | 48 | 64 | 0 | 66 | 0 |
| 23½ | 31 | 1 | 32 | 1 | 48½ | 64 | 2 | 66 | 2 |
| 24 | 32 | 0 | 33 | 0 | 49 | 65 | 1 | 67 | 1 |
| 24½ | 32 | 2 | 33 | 2 | 49½ | 66 | 0 | 68 | 0 |
| 25 | 33 | 1 | 34 | 1 | 50 | 66 | 2 | 68 | 3 |
| 25½ | 34 | 0 | 35 | 0 | | | | | |

| Feet Long. | *Inches broad.* 17 | | 17½ | |
|---|---|---|---|---|
| | F. | Q. | F. | Q. |
| 1 | 1 | 1 | 1 | 1 |
| 1½ | 2 | 0 | 2 | 0 |
| 2 | 2 | 3 | 2 | 3 |
| 2½ | 3 | 2 | 3 | 2 |
| 3 | 4 | 1 | 4 | 1 |
| 3¼ | 4 | 3 | 5 | 0 |
| 4 | 5 | 2 | 5 | 3 |
| 4½ | 6 | 1 | 6 | 2 |
| 5 | 7 | 0 | 7 | 1 |
| 5½ | 7 | 3 | 8 | 0 |
| 6 | 8 | 2 | 8 | 3 |
| 6½ | 9 | 0 | 9 | 1 |
| 7 | 9 | 3 | 10 | 0 |
| 7½ | 10 | 2 | 10 | 3 |
| 8 | 11 | 1 | 11 | 2 |
| 8½ | 12 | 0 | 12 | 1 |
| 9 | 12 | 3 | 13 | 0 |
| 9¼ | 13 | 1 | 13 | 3 |
| 10 | 14 | 0 | 14 | 2 |
| 10½ | 14 | 3 | 15 | 1 |
| 11 | 15 | 2 | 16 | 0 |
| 11½ | 16 | 1 | 16 | 3 |
| 12 | 17 | 0 | 17 | 2 |
| 12½ | 17 | 2 | 18 | 0 |
| 13 | 18 | 1 | 18 | 3 |
| 13½ | 19 | 0 | 19 | 2 |
| 14 | 19 | 3 | 20 | 1 |
| 14½ | 20 | 2 | 21 | 0 |
| 15 | 21 | 1 | 21 | 3 |
| 15½ | 21 | 3 | 22 | 2 |
| 16 | 22 | 2 | 23 | 1 |
| 16½ | 23 | 1 | 24 | 0 |
| 17 | 24 | 0 | 24 | 3 |
| 17½ | 24 | 3 | 25 | 2 |
| 18 | 25 | 2 | 26 | 1 |
| 18½ | 26 | 0 | 26 | 3 |
| 19 | 26 | 3 | 27 | 2 |
| 19½ | 27 | 2 | 28 | 1 |
| 20 | 28 | 1 | 29 | 0 |
| 20½ | 29 | 0 | 29 | 3 |
| 21 | 29 | 3 | 30 | 2 |
| 21½ | 30 | 1 | 31 | 1 |
| 22 | 31 | 0 | 32 | 0 |
| 22½ | 31 | 3 | 32 | 3 |
| 23 | 32 | 2 | 33 | 2 |
| 23½ | 33 | 1 | 34 | 1 |
| 24 | 34 | 0 | 35 | 0 |
| 24½ | 34 | 2 | 35 | 2 |
| 25 | 35 | 1 | 36 | 1 |
| 25½ | 36 | 0 | 37 | 0 |

| Feet Long. | *Inches broad.* 17 | | 17½ | |
|---|---|---|---|---|
| | F. | Q. | F. | Q. |
| 26 | 36 | 3 | 37 | 3 |
| 26½ | 37 | 2 | 38 | 2 |
| 27 | 38 | 1 | 39 | 1 |
| 27½ | 38 | 3 | 40 | 0 |
| 28 | 39 | 2 | 40 | 3 |
| 28½ | 40 | 1 | 41 | 2 |
| 29 | 41 | 0 | 42 | 1 |
| 29½ | 41 | 3 | 43 | 0 |
| 30 | 42 | 2 | 43 | 3 |
| 30½ | 43 | 0 | 44 | 1 |
| 31 | 43 | 3 | 45 | 0 |
| 31½ | 44 | 2 | 45 | 3 |
| 32 | 45 | 1 | 46 | 2 |
| 32½ | 46 | 0 | 47 | 1 |
| 33 | 46 | 3 | 48 | 0 |
| 33½ | 47 | 1 | 48 | 3 |
| 34 | 48 | 0 | 49 | 2 |
| 34½ | 48 | 3 | 50 | 1 |
| 35 | 49 | 2 | 51 | 0 |
| 35½ | 50 | 1 | 51 | 3 |
| 36 | 51 | 0 | 52 | 2 |
| 36½ | 51 | 2 | 53 | 0 |
| 37 | 52 | 1 | 53 | 3 |
| 37½ | 53 | 0 | 54 | 2 |
| 38 | 53 | 3 | 55 | 1 |
| 38½ | 54 | 2 | 56 | 0 |
| 39 | 55 | 1 | 56 | 3 |
| 39½ | 55 | 3 | 57 | 2 |
| 40 | 56 | 2 | 58 | 1 |
| 40½ | 57 | 1 | 59 | 0 |
| 41 | 58 | 0 | 59 | 3 |
| 41½ | 58 | 3 | 60 | 2 |
| 42 | 59 | 2 | 61 | 1 |
| 42½ | 60 | 0 | 61 | 3 |
| 43 | 60 | 3 | 62 | 2 |
| 43½ | 61 | 2 | 63 | 1 |
| 44 | 62 | 1 | 64 | 0 |
| 44½ | 63 | 0 | 64 | 3 |
| 45 | 63 | 3 | 65 | 2 |
| 45½ | 64 | 1 | 66 | 1 |
| 46 | 65 | 0 | 67 | 0 |
| 46½ | 65 | 3 | 67 | 3 |
| 47 | 66 | 2 | 68 | 2 |
| 47½ | 67 | 1 | 69 | 1 |
| 48 | 68 | 0 | 70 | 0 |
| 48½ | 68 | 2 | 70 | 2 |
| 49 | 69 | 1 | 71 | 1 |
| 49½ | 70 | 0 | 72 | 0 |
| 50 | 70 | 3 | 72 | 3 |

| Feet Long. | *Inches broad.* 18 | | 18½ | | Feet Long. | *Inches broad.* 18 | | 18½ | |
|---|---|---|---|---|---|---|---|---|---|
| | F. | Q. | F. | Q. | | F. | Q. | F. | Q. |
| 1 | 1 | 2 | 1 | 2 | 26 | 39 | 0 | 40 | 0 |
| 1½ | 2 | 1 | 2 | 1 | 26½ | 39 | 3 | 40 | 3 |
| 2 | 3 | 0 | 3 | 0 | 27 | 40 | 2 | 41 | 2 |
| 2½ | 3 | 3 | 3 | 3 | 27½ | 41 | 1 | 42 | 1 |
| 3 | 4 | 2 | 4 | 2 | 28 | 42 | 0 | 43 | 0 |
| 3½ | 5 | 1 | 5 | 1 | 28½ | 42 | 3 | 43 | 3 |
| 4 | 6 | 0 | 6 | 0 | 29 | 43 | 2 | 44 | 2 |
| 4½ | 6 | 3 | 6 | 3 | 29½ | 44 | 1 | 45 | 1 |
| 5 | 7 | 2 | 7 | 2 | 30 | 45 | 0 | 46 | 1 |
| 5½ | 8 | 1 | 8 | 1 | 30½ | 45 | 3 | 47 | 0 |
| 6 | 9 | 0 | 9 | 1 | 31 | 46 | 2 | 47 | 3 |
| 6½ | 9 | 3 | 10 | 0 | 31½ | 47 | 1 | 48 | 2 |
| 7 | 10 | 2 | 10 | 3 | 32 | 48 | 0 | 49 | 1 |
| 7½ | 11 | 1 | 11 | 2 | 32½ | 48 | 3 | 50 | 0 |
| 8 | 12 | 0 | 12 | 1 | 33 | 49 | 2 | 50 | 3 |
| 8½ | 12 | 3 | 13 | 0 | 33½ | 50 | 1 | 51 | 2 |
| 9 | 13 | 2 | 13 | 3 | 34 | 51 | 0 | 52 | 1 |
| 9½ | 14 | 1 | 14 | 2 | 34½ | 51 | 3 | 53 | 0 |
| 10 | 15 | 0 | 15 | 1 | 35 | 52 | 2 | 53 | 3 |
| 10½ | 15 | 3 | 16 | 0 | 35½ | 53 | 1 | 54 | 2 |
| 11 | 16 | 2 | 16 | 3 | 36 | 54 | 0 | 55 | 2 |
| 11½ | 17 | 1 | 17 | 2 | 36½ | 54 | 3 | 56 | 1 |
| 12 | 18 | 0 | 18 | 2 | 37 | 55 | 2 | 57 | 0 |
| 12½ | 18 | 3 | 19 | 1 | 37½ | 56 | 1 | 57 | 3 |
| 13 | 19 | 2 | 20 | 0 | 38 | 57 | 0 | 58 | 2 |
| 13½ | 20 | 1 | 20 | 3 | 38½ | 57 | 3 | 59 | 1 |
| 14 | 21 | 0 | 21 | 2 | 39 | 58 | 2 | 60 | 0 |
| 14½ | 21 | 3 | 22 | 1 | 39½ | 59 | 1 | 60 | 3 |
| 15 | 22 | 2 | 23 | 0 | 40 | 60 | 0 | 61 | 2 |
| 15½ | 23 | 1 | 23 | 3 | 40½ | 60 | 3 | 62 | 1 |
| 16 | 24 | 0 | 24 | 2 | 41 | 61 | 2 | 63 | 0 |
| 16½ | 24 | 3 | 25 | 1 | 41½ | 62 | 1 | 63 | 3 |
| 17 | 25 | 2 | 26 | 0 | 42 | 63 | 0 | 64 | 3 |
| 17½ | 26 | 1 | 26 | 3 | 42½ | 63 | 3 | 65 | 2 |
| 18 | 27 | 0 | 27 | 3 | 43 | 64 | 2 | 66 | 1 |
| 18½ | 27 | 3 | 28 | 2 | 43½ | 65 | 1 | 67 | 0 |
| 19 | 28 | 2 | 29 | 1 | 44 | 66 | 0 | 67 | 3 |
| 19½ | 29 | 1 | 30 | 0 | 44½ | 66 | 3 | 68 | 2 |
| 20 | 30 | 0 | 30 | 3 | 45 | 67 | 2 | 69 | 1 |
| 20½ | 30 | 3 | 31 | 2 | 45½ | 68 | 1 | 70 | 0 |
| 21 | 31 | 2 | 32 | 1 | 46 | 69 | 0 | 70 | 3 |
| 21½ | 32 | 1 | 33 | 0 | 46½ | 69 | 3 | 71 | 2 |
| 22 | 33 | 0 | 33 | 3 | 47 | 70 | 2 | 72 | 1 |
| 22½ | 33 | 3 | 34 | 2 | 47½ | 71 | 1 | 73 | 0 |
| 23 | 34 | 2 | 35 | 1 | 48 | 72 | 0 | 74 | 0 |
| 23½ | 35 | 1 | 36 | 0 | 48½ | 72 | 3 | 74 | 3 |
| 24 | 36 | 0 | 37 | 0 | 49 | 73 | 2 | 75 | 2 |
| 24½ | 36 | 3 | 37 | 3 | 49½ | 74 | 1 | 76 | 1 |
| 25 | 37 | 2 | 38 | 2 | 50 | 75 | 0 | 77 | 0 |
| 25½ | 38 | 1 | 39 | 1 | | | | | |

| Feet Long. | *Inches broad.* 19 | | 19½ | | Feet Long. | *Inches broad.* 19 | | 19½ | |
|---|---|---|---|---|---|---|---|---|---|
| | F. | Q. | F. | Q. | | F. | Q. | F. | Q. |
| 1 | 1 | 2 | 1 | 2 | 26 | 41 | 0 | 42 | 1 |
| 1½ | 2 | 1 | 2 | 1 | 26½ | 41 | 3 | 43 | 0 |
| 2 | 3 | 0 | 3 | 1 | 27 | 42 | 3 | 43 | 3 |
| 2½ | 3 | 3 | 4 | 0 | 27½ | 43 | 2 | 44 | 2 |
| 3 | 4 | 3 | 4 | 3 | 28 | 44 | 1 | 45 | 2 |
| 3½ | 5 | 2 | 5 | 2 | 28½ | 45 | 0 | 46 | 1 |
| 4 | 6 | 1 | 6 | 2 | 29 | 45 | 3 | 47 | 0 |
| 4½ | 7 | 0 | 7 | 1 | 29½ | 46 | 2 | 47 | 3 |
| 5 | 7 | 3 | 8 | 0 | 30 | 47 | 2 | 48 | 3 |
| 5½ | 8 | 2 | 8 | 3 | 30½ | 48 | 1 | 49 | 2 |
| 6 | 9 | 2 | 9 | 3 | 31 | 49 | 0 | 50 | 1 |
| 6½ | 10 | 1 | 10 | 2 | 31½ | 49 | 3 | 51 | 0 |
| 7 | 11 | 0 | 11 | 1 | 32 | 50 | 2 | 52 | 0 |
| 7½ | 11 | 3 | 12 | 0 | 32½ | 51 | 1 | 52 | 3 |
| 8 | 12 | 2 | 13 | 0 | 33 | 52 | 1 | 53 | 2 |
| 8½ | 13 | 1 | 13 | 3 | 33½ | 53 | 0 | 54 | 1 |
| 9 | 14 | 1 | 14 | 2 | 34 | 53 | 3 | 55 | 1 |
| 9½ | 15 | 0 | 15 | 1 | 34½ | 54 | 2 | 56 | 0 |
| 10 | 15 | 3 | 16 | 1 | 35 | 55 | 1 | 56 | 3 |
| 10½ | 16 | 2 | 17 | 0 | 35½ | 56 | 0 | 57 | 2 |
| 11 | 17 | 1 | 17 | 3 | 36 | 57 | 0 | 58 | 2 |
| 11½ | 18 | 0 | 18 | 2 | 36½ | 57 | 3 | 59 | 1 |
| 12 | 19 | 0 | 19 | 2 | 37 | 58 | 2 | 60 | 0 |
| 12½ | 19 | 3 | 20 | 1 | 37½ | 59 | 1 | 60 | 3 |
| 13 | 20 | 2 | 21 | 0 | 38 | 60 | 0 | 61 | 3 |
| 13½ | 21 | 1 | 21 | 3 | 38½ | 60 | 3 | 62 | 2 |
| 14 | 22 | 0 | 22 | 3 | 39 | 61 | 3 | 63 | 1 |
| 14½ | 22 | 3 | 23 | 2 | 39½ | 62 | 2 | 64 | 0 |
| 15 | 23 | 3 | 24 | 1 | 40 | 63 | 1 | 65 | 0 |
| 15½ | 24 | 2 | 25 | 0 | 40½ | 64 | 0 | 65 | 3 |
| 16 | 25 | 1 | 26 | 0 | 41 | 64 | 3 | 66 | 2 |
| 16½ | 26 | 0 | 26 | 3 | 41½ | 65 | 2 | 67 | 1 |
| 17 | 26 | 3 | 27 | 2 | 42 | 66 | 2 | 68 | 1 |
| 17½ | 27 | 2 | 28 | 1 | 42½ | 67 | 1 | 69 | 0 |
| 18 | 28 | 2 | 29 | 1 | 43 | 68 | 0 | 69 | 3 |
| 18½ | 29 | 1 | 30 | 0 | 43½ | 68 | 3 | 70 | 2 |
| 19 | 30 | 0 | 30 | 3 | 44 | 69 | 2 | 71 | 2 |
| 19½ | 30 | 3 | 31 | 2 | 44½ | 70 | 1 | 72 | 1 |
| 20 | 31 | 2 | 32 | 2 | 45 | 71 | 1 | 73 | 0 |
| 20½ | 32 | 1 | 33 | 1 | 45½ | 72 | 0 | 73 | 3 |
| 21 | 33 | 1 | 34 | 0 | 46 | 72 | 3 | 74 | 3 |
| 21½ | 34 | 0 | 34 | 3 | 46½ | 73 | 2 | 75 | 2 |
| 22 | 34 | 3 | 35 | 3 | 47 | 74 | 1 | 76 | 1 |
| 22½ | 35 | 2 | 36 | 2 | 47½ | 75 | 0 | 77 | 0 |
| 23 | 36 | 1 | 37 | 1 | 48 | 76 | 0 | 78 | 0 |
| 23½ | 37 | 0 | 38 | 0 | 48½ | 76 | 3 | 78 | 3 |
| 24 | 38 | 0 | 39 | 0 | 49 | 77 | 2 | 79 | 2 |
| 24½ | 38 | 3 | 39 | 3 | 49½ | 78 | 1 | 80 | 1 |
| 25 | 39 | 2 | 40 | 2 | 50 | 79 | 0 | 81 | 1 |
| 25½ | 40 | 1 | 41 | 1 | | | | | |

| Feet Long. | *Inches broad.* 20 | | 20½ | | Feet Long. | *Inches broad.* 20 | | 20½ | |
|---|---|---|---|---|---|---|---|---|---|
| | F. | Q. | F. | Q. | | F. | Q. | F. | Q. |
| 1 | 1 | 2 | 1 | 2 | 26 | 43 | 1 | 44 | 1 |
| 1½ | 2 | 2 | 2 | 2 | 26½ | 44 | 0 | 45 | 1 |
| 2 | 3 | 1 | 3 | 1 | 27 | 45 | 0 | 46 | 0 |
| 2½ | 4 | 0 | 4 | 1 | 27½ | 45 | 3 | 46 | 3 |
| 3 | 5 | 0 | 5 | 0 | 28 | 46 | 2 | 47 | 3 |
| 3½ | 5 | 3 | 5 | 3 | 28½ | 47 | 2 | 48 | 2 |
| 4 | 6 | 2 | 6 | 3 | 29 | 48 | 1 | 49 | 2 |
| 4½ | 7 | 2 | 7 | 2 | 29½ | 49 | 0 | 50 | 1 |
| 5 | 8 | 1 | 8 | 2 | 30 | 50 | 0 | 51 | 1 |
| 5½ | 9 | 0 | 9 | 1 | 30½ | 50 | 3 | 52 | 0 |
| 6 | 10 | 0 | 10 | 1 | 31 | 51 | 2 | 52 | 3 |
| 6½ | 10 | 3 | 11 | 0 | 31½ | 52 | 2 | 53 | 3 |
| 7 | 11 | 2 | 11 | 3 | 32 | 53 | 1 | 54 | 2 |
| 7½ | 12 | 2 | 12 | 3 | 32½ | 54 | 0 | 55 | 2 |
| 8 | 13 | 1 | 13 | 2 | 33 | 55 | 0 | 56 | 1 |
| 8½ | 14 | 0 | 14 | 2 | 33½ | 55 | 3 | 57 | 0 |
| 9 | 15 | 0 | 15 | 1 | 34 | 56 | 2 | 58 | 0 |
| 9½ | 15 | 3 | 16 | 0 | 34½ | 57 | 2 | 58 | 3 |
| 10 | 16 | 2 | 17 | 0 | 35 | 58 | 1 | 59 | 3 |
| 10½ | 17 | 2 | 17 | 3 | 35½ | 59 | 0 | 60 | 2 |
| 11 | 18 | 1 | 18 | 3 | 36 | 60 | 0 | 61 | 2 |
| 11½ | 19 | 0 | 19 | 2 | 36½ | 60 | 3 | 62 | 1 |
| 12 | 20 | 0 | 20 | 2 | 37 | 61 | 2 | 63 | 0 |
| 12½ | 20 | 3 | 21 | 1 | 37½ | 62 | 2 | 64 | 0 |
| 13 | 21 | 2 | 22 | 0 | 38 | 63 | 1 | 64 | 3 |
| 13½ | 22 | 2 | 23 | 0 | 38½ | 64 | 0 | 65 | 3 |
| 14 | 23 | 1 | 23 | 3 | 39 | 65 | 0 | 66 | 2 |
| 14½ | 24 | 0 | 24 | 3 | 39½ | 65 | 3 | 67 | 1 |
| 15 | 25 | 0 | 25 | 2 | 40 | 66 | 2 | 68 | 1 |
| 15½ | 25 | 3 | 26 | 1 | 40½ | 67 | 2 | 69 | 0 |
| 16 | 26 | 2 | 27 | 1 | 41 | 68 | 1 | 70 | 0 |
| 16½ | 27 | 2 | 28 | 0 | 41½ | 69 | 0 | 70 | 3 |
| 17 | 28 | 1 | 29 | 0 | 42 | 70 | 0 | 71 | 3 |
| 17½ | 29 | 0 | 29 | 3 | 42½ | 70 | 3 | 72 | 2 |
| 18 | 30 | 0 | 30 | 3 | 43 | 71 | 2 | 73 | 1 |
| 18½ | 30 | 3 | 31 | 2 | 43½ | 72 | 2 | 74 | 1 |
| 19 | 31 | 2 | 32 | 1 | 44 | 73 | 1 | 75 | 0 |
| 19½ | 32 | 2 | 33 | 1 | 44½ | 74 | 0 | 76 | 0 |
| 20 | 33 | 1 | 34 | 0 | 45 | 75 | 0 | 76 | 3 |
| 20½ | 34 | 0 | 35 | 0 | 45½ | 75 | 3 | 77 | 2 |
| 21 | 35 | 0 | 35 | 3 | 46 | 76 | 2 | 78 | 2 |
| 21½ | 35 | 3 | 36 | 2 | 46½ | 77 | 2 | 79 | 1 |
| 22 | 36 | 2 | 37 | 2 | 47 | 78 | 1 | 80 | 1 |
| 22½ | 37 | 2 | 38 | 1 | 47½ | 79 | 0 | 81 | 0 |
| 23 | 38 | 1 | 39 | 1 | 48 | 80 | 0 | 82 | 0 |
| 23½ | 39 | 0 | 40 | 0 | 48½ | 80 | 3 | 82 | 3 |
| 24 | 40 | 0 | 41 | 0 | 49 | 81 | 2 | 83 | 2 |
| 24½ | 40 | 3 | 41 | 3 | 49½ | 82 | 2 | 34 | 2 |
| 25 | 41 | 2 | 42 | 2 | 50 | 83 | 1 | 85 | 1 |
| 25½ | 42 | 1 | 43 | 2 | | | | | |

| Feet Long. | *Inches broad.* 21 | | 21½ | | Feet Long | *Inches broad.* 21 | | 21½ | |
|---|---|---|---|---|---|---|---|---|---|
| | F. | Q. | F. | Q. | | F. | Q. | F. | Q. |
| 1 | 1 | 3 | 1 | 3 | 26 | 45 | 2 | 46 | 2 |
| 1½ | 2 | 2 | 2 | 2 | 26½ | 46 | 1 | 47 | 1 |
| 2 | 3 | 2 | 3 | 2 | 27 | 47 | 1 | 48 | 1 |
| 2½ | 4 | 1 | 4 | 1 | 27½ | 48 | 0 | 49 | 1 |
| 3 | 5 | 1 | 5 | 1 | 28 | 49 | 0 | 50 | 0 |
| 3½ | 6 | 0 | 6 | 1 | 28½ | 49 | 3 | 51 | 0 |
| 4 | 7 | 0 | 7 | 0 | 29 | 50 | 3 | 51 | 3 |
| 4½ | 7 | 3 | 8 | 0 | 29½ | 51 | 2 | 52 | 3 |
| 5 | 8 | 3 | 8 | 3 | 30 | 52 | 2 | 53 | 3 |
| 5½ | 9 | 2 | 9 | 3 | 30½ | 53 | 1 | 54 | 2 |
| 6 | 10 | 2 | 10 | 3 | 31 | 54 | 1 | 55 | 2 |
| 6½ | 11 | 1 | 11 | 2 | 31½ | 55 | 0 | 56 | 1 |
| 7 | 12 | 1 | 12 | 2 | 32 | 56 | 0 | 57 | 1 |
| 7½ | 13 | 0 | 13 | 1 | 32½ | 56 | 3 | 58 | 0 |
| 8 | 14 | 0 | 14 | 1 | 33 | 57 | 3 | 59 | 0 |
| 8½ | 14 | 3 | 15 | 0 | 33½ | 58 | 2 | 60 | 0 |
| 9 | 15 | 3 | 16 | 0 | 34 | 59 | 2 | 60 | 3 |
| 9½ | 16 | 2 | 17 | 0 | 34½ | 60 | 1 | 61 | 3 |
| 10 | 17 | 2 | 17 | 3 | 35 | 61 | 1 | 62 | 2 |
| 10½ | 18 | 1 | 18 | 3 | 35½ | 62 | 0 | 63 | 2 |
| 11 | 19 | 1 | 19 | 2 | 36 | 63 | 0 | 64 | 2 |
| 11½ | 20 | 0 | 20 | 2 | 36½ | 63 | 3 | 65 | 1 |
| 12 | 21 | 0 | 21 | 2 | 37 | 64 | 3 | 66 | 1 |
| 12½ | 21 | 3 | 22 | 1 | 37½ | 65 | 2 | 67 | 0 |
| 13 | 22 | 3 | 23 | 1 | 38 | 66 | 2 | 68 | 0 |
| 13½ | 23 | 2 | 24 | 0 | 38½ | 67 | 1 | 68 | 3 |
| 14 | 24 | 2 | 25 | 0 | 39 | 68 | 1 | 69 | 3 |
| 14½ | 25 | 1 | 25 | 3 | 39½ | 69 | 0 | 70 | 3 |
| 15 | 26 | 1 | 26 | 3 | 40 | 70 | 0 | 71 | 2 |
| 15½ | 27 | 0 | 27 | 3 | 40½ | 70 | 3 | 72 | 2 |
| 16 | 28 | 0 | 28 | 2 | 41 | 71 | 3 | 73 | 1 |
| 16½ | 28 | 3 | 29 | 2 | 41½ | 72 | 2 | 74 | 1 |
| 17 | 29 | 3 | 30 | 1 | 42 | 73 | 2 | 75 | 1 |
| 17½ | 30 | 2 | 31 | 1 | 42½ | 74 | 1 | 76 | 0 |
| 18 | 31 | 2 | 32 | 1 | 43 | 75 | 1 | 77 | 0 |
| 18½ | 32 | 1 | 33 | 0 | 43½ | 76 | 0 | 77 | 3 |
| 19 | 33 | 1 | 34 | 0 | 44 | 77 | 0 | 78 | 3 |
| 19½ | 34 | 0 | 34 | 3 | 44½ | 77 | 3 | 79 | 2 |
| 20 | 35 | 0 | 35 | 3 | 45 | 78 | 3 | 80 | 2 |
| 20½ | 35 | 3 | 36 | 2 | 45½ | 79 | 2 | 81 | 2 |
| 21 | 36 | 3 | 37 | 2 | 46 | 80 | 2 | 82 | 1 |
| 21½ | 37 | 2 | 38 | 2 | 46½ | 81 | 1 | 83 | 1 |
| 22 | 38 | 2 | 39 | 1 | 47 | 82 | 1 | 84 | 0 |
| 22½ | 39 | 1 | 40 | 1 | 47½ | 83 | 0 | 85 | 0 |
| 23 | 40 | 1 | 41 | 0 | 48 | 84 | 0 | 86 | 0 |
| 23½ | 41 | 0 | 42 | 0 | 48½ | 84 | 3 | 86 | 3 |
| 24 | 42 | 0 | 43 | 0 | 49 | 85 | 3 | 87 | 3 |
| 24½ | 42 | 3 | 43 | 3 | 49½ | 86 | 2 | 88 | 2 |
| 25 | 43 | 3 | 44 | 3 | 50 | 87 | 2 | 89 | 2 |
| 25½ | 44 | 2 | 45 | 2 | | | | | |

| Feet Long. | *Inches broad.* 22 | | 22½ | |
|---|---|---|---|---|
| | F. | Q. | F. | Q. |
| 1 | 1 | 3 | 1 | 3 |
| 1½ | 2 | 3 | 2 | 3 |
| 2 | 3 | 2 | 3 | 3 |
| 2½ | 4 | 2 | 4 | 2 |
| 3 | 5 | 2 | 5 | 2 |
| 3½ | 6 | 1 | 6 | 2 |
| 4 | 7 | 1 | 7 | 2 |
| 4½ | 8 | 1 | 8 | 1 |
| 5 | 9 | 0 | 9 | 1 |
| 5½ | 10 | 0 | 10 | 1 |
| 6 | 11 | 0 | 11 | 1 |
| 6½ | 11 | 3 | 12 | 0 |
| 7 | 12 | 3 | 13 | 0 |
| 7½ | 13 | 3 | 14 | 0 |
| 8 | 14 | 2 | 15 | 0 |
| 8½ | 15 | 2 | 15 | 3 |
| 9 | 16 | 2 | 16 | 3 |
| 9½ | 17 | 1 | 17 | 3 |
| 10 | 18 | 1 | 18 | 3 |
| 10½ | 19 | 1 | 19 | 2 |
| 11 | 20 | 0 | 20 | 2 |
| 11½ | 21 | 0 | 21 | 2 |
| 12 | 22 | 0 | 22 | 2 |
| 12½ | 22 | 3 | 23 | 1 |
| 13 | 23 | 3 | 24 | 1 |
| 13½ | 24 | 3 | 25 | 1 |
| 14 | 25 | 2 | 26 | 1 |
| 14½ | 26 | 2 | 27 | 0 |
| 15 | 27 | 2 | 28 | 0 |
| 15½ | 28 | 1 | 29 | 0 |
| 16 | 29 | 1 | 30 | 0 |
| 16½ | 30 | 1 | 30 | 3 |
| 17 | 31 | 0 | 31 | 3 |
| 17½ | 32 | 0 | 32 | 3 |
| 18 | 33 | 0 | 33 | 3 |
| 18½ | 33 | 3 | 34 | 2 |
| 19 | 34 | 3 | 35 | 2 |
| 19½ | 35 | 3 | 36 | 2 |
| 20 | 36 | 2 | 37 | 2 |
| 20½ | 37 | 2 | 38 | 1 |
| 21 | 38 | 2 | 39 | 1 |
| 21½ | 39 | 1 | 40 | 1 |
| 22 | 40 | 1 | 41 | 1 |
| 22½ | 41 | 1 | 42 | 0 |
| 23 | 42 | 0 | 43 | 0 |
| 23½ | 43 | 0 | 44 | 0 |
| 24 | 44 | 0 | 45 | 0 |
| 24½ | 44 | 3 | 45 | 3 |
| 25 | 45 | 3 | 46 | 3 |
| 25½ | 46 | 3 | 47 | 3 |

| Feet Long. | *Inches broad.* 22 | | 22½ | |
|---|---|---|---|---|
| | F. | Q. | F. | Q. |
| 26 | 47 | 2 | 48 | 3 |
| 26½ | 48 | 2 | 49 | 2 |
| 27 | 49 | 2 | 50 | 2 |
| 27½ | 50 | 1 | 51 | 2 |
| 28 | 51 | 1 | 52 | 2 |
| 28½ | 52 | 1 | 53 | 1 |
| 29 | 53 | 0 | 54 | 1 |
| 29½ | 54 | 0 | 55 | 1 |
| 30 | 55 | 0 | 56 | 1 |
| 30½ | 55 | 3 | 57 | 0 |
| 31 | 56 | 3 | 58 | 0 |
| 31½ | 57 | 3 | 59 | 0 |
| 32 | 58 | 2 | 60 | 0 |
| 32½ | 59 | 2 | 60 | 3 |
| 33 | 60 | 2 | 61 | 3 |
| 33½ | 61 | 1 | 62 | 3 |
| 34 | 62 | 1 | 63 | 3 |
| 34½ | 63 | 1 | 64 | 2 |
| 35 | 64 | 0 | 65 | 2 |
| 35½ | 65 | 0 | 66 | 2 |
| 36 | 66 | 0 | 67 | 2 |
| 36½ | 66 | 3 | 68 | 1 |
| 37 | 67 | 3 | 69 | 1 |
| 37½ | 68 | 3 | 70 | 1 |
| 38 | 69 | 2 | 71 | 1 |
| 38½ | 70 | 2 | 72 | 0 |
| 39 | 71 | 2 | 73 | 0 |
| 39½ | 72 | 1 | 74 | 0 |
| 40 | 73 | 1 | 75 | 0 |
| 40½ | 74 | 1 | 75 | 3 |
| 41 | 75 | 0 | 76 | 3 |
| 41½ | 76 | 0 | 77 | 3 |
| 42 | 77 | 0 | 78 | 3 |
| 42½ | 77 | 3 | 79 | 2 |
| 43 | 78 | 3 | 80 | 2 |
| 43½ | 79 | 3 | 81 | 2 |
| 44 | 80 | 2 | 82 | 2 |
| 44½ | 81 | 2 | 83 | 1 |
| 45 | 82 | 2 | 84 | 1 |
| 45½ | 83 | 1 | 85 | 1 |
| 46 | 84 | 1 | 86 | 1 |
| 46½ | 85 | 1 | 87 | 0 |
| 47 | 86 | 0 | 88 | 0 |
| 47½ | 87 | 0 | 89 | 0 |
| 48 | 88 | 0 | 90 | 0 |
| 48½ | 88 | 3 | 90 | 3 |
| 49 | 89 | 3 | 91 | 3 |
| 49½ | 90 | 3 | 92 | 3 |
| 50 | 91 | 2 | 93 | 3 |

| Feet Long | *Inches broad.* 23 | | 23½ | |
|---|---|---|---|---|
| | F. | Q. | F. | Q. |
| 1 | 1 | 3 | 1 | 3 |
| 1½ | 2 | 3 | 2 | 3 |
| 2 | 3 | 3 | 3 | 3 |
| 2½ | 4 | 3 | 4 | 3 |
| 3 | 5 | 3 | 5 | 3 |
| 3½ | 6 | 2 | 6 | 3 |
| 4 | 7 | 2 | 7 | 3 |
| 4½ | 8 | 2 | 8 | 3 |
| 5 | 9 | 2 | 9 | 3 |
| 5½ | 10 | 2 | 10 | 3 |
| 6 | 11 | 2 | 11 | 3 |
| 6½ | 12 | 1 | 12 | 2 |
| 7 | 13 | 1 | 13 | 2 |
| 7½ | 14 | 1 | 14 | 2 |
| 8 | 15 | 1 | 15 | 2 |
| 8½ | 16 | 1 | 16 | 2 |
| 9 | 17 | 1 | 17 | 2 |
| 9½ | 18 | 0 | 18 | 2 |
| 10 | 19 | 0 | 19 | 2 |
| 10½ | 20 | 0 | 20 | 2 |
| 11 | 21 | 0 | 21 | 2 |
| 11½ | 22 | 0 | 22 | 2 |
| 12 | 23 | 0 | 23 | 2 |
| 12½ | 23 | 3 | 24 | 1 |
| 13 | 24 | 3 | 25 | 1 |
| 13½ | 25 | 3 | 26 | 1 |
| 14 | 26 | 3 | 27 | 1 |
| 14½ | 27 | 3 | 28 | 1 |
| 15 | 28 | 3 | 29 | 1 |
| 15½ | 29 | 2 | 30 | 1 |
| 16 | 30 | 2 | 31 | 1 |
| 16½ | 31 | 2 | 32 | 1 |
| 17 | 32 | 2 | 33 | 1 |
| 17½ | 33 | 2 | 34 | 1 |
| 18 | 34 | 2 | 35 | 1 |
| 18½ | 35 | 1 | 36 | 0 |
| 19 | 36 | 1 | 37 | 0 |
| 19½ | 37 | 1 | 38 | 0 |
| 20 | 38 | 1 | 39 | 0 |
| 20½ | 39 | 1 | 40 | 0 |
| 21 | 40 | 1 | 41 | 0 |
| 21½ | 41 | 0 | 42 | 0 |
| 22 | 42 | 0 | 43 | 0 |
| 22½ | 43 | 0 | 44 | 0 |
| 23 | 44 | 0 | 45 | 0 |
| 23½ | 45 | 0 | 46 | 0 |
| 24 | 46 | 0 | 47 | 0 |
| 24½ | 46 | 3 | 47 | 3 |
| 25 | 47 | 3 | 48 | 3 |
| 25½ | 48 | 3 | 49 | 3 |

| Feet Long | *Inches broad.* 23 | | 23½ | |
|---|---|---|---|---|
| | F. | Q. | F. | Q. |
| 26 | 49 | 3 | 50 | 3 |
| 26½ | 50 | 3 | 51 | 3 |
| 27 | 51 | 3 | 52 | 3 |
| 27½ | 52 | 2 | 53 | 3 |
| 28 | 53 | 2 | 54 | 3 |
| 28½ | 54 | 2 | 55 | 3 |
| 29 | 55 | 2 | 56 | 3 |
| 29½ | 56 | 2 | 57 | 3 |
| 30 | 57 | 2 | 58 | 3 |
| 30½ | 58 | 1 | 59 | 2 |
| 31 | 59 | 1 | 60 | 2 |
| 31½ | 60 | 1 | 61 | 2 |
| 32 | 61 | 1 | 62 | 2 |
| 32½ | 62 | 1 | 63 | 2 |
| 33 | 63 | 1 | 64 | 2 |
| 33½ | 64 | 0 | 65 | 2 |
| 34 | 65 | 0 | 66 | 2 |
| 34½ | 66 | 0 | 67 | 2 |
| 35 | 67 | 0 | 68 | 2 |
| 35½ | 68 | 0 | 69 | 2 |
| 36 | 69 | 0 | 70 | 2 |
| 36½ | 69 | 3 | 71 | 1 |
| 37 | 70 | 3 | 72 | 1 |
| 37½ | 71 | 3 | 73 | 1 |
| 38 | 72 | 3 | 74 | 1 |
| 38½ | 73 | 3 | 75 | 1 |
| 39 | 74 | 3 | 76 | 1 |
| 39½ | 75 | 2 | 77 | 1 |
| 40 | 76 | 2 | 78 | 1 |
| 40½ | 77 | 2 | 79 | 1 |
| 41 | 78 | 2 | 80 | 1 |
| 41½ | 79 | 2 | 81 | 1 |
| 42 | 80 | 2 | 82 | 1 |
| 42½ | 81 | 1 | 83 | 0 |
| 43 | 82 | 1 | 84 | 0 |
| 43½ | 83 | 1 | 85 | 0 |
| 44 | 84 | 1 | 86 | 0 |
| 44½ | 85 | 1 | 87 | 0 |
| 45 | 86 | 1 | 88 | 0 |
| 45½ | 87 | 0 | 89 | 0 |
| 46 | 88 | 0 | 90 | 0 |
| 46½ | 89 | 0 | 91 | 0 |
| 47 | 90 | 0 | 92 | 0 |
| 47½ | 91 | 0 | 93 | 0 |
| 48 | 92 | 0 | 94 | 0 |
| 48½ | 92 | 3 | 94 | 3 |
| 49 | 93 | 3 | 95 | 3 |
| 49½ | 94 | 3 | 96 | 3 |
| 50 | 95 | 3 | 97 | 3 |

| Feet Long. | *Inches broad.* 24 | | 24½ | |
|---|---|---|---|---|
| | F. | Q. | F. | Q. |
| 1 | 2 | 0 | 2 | 0 |
| 1½ | 3 | 0 | 3 | 0 |
| 2 | 4 | 0 | 4 | 0 |
| 2½ | 5 | 0 | 5 | 0 |
| 3 | 6 | 0 | 6 | 0 |
| 3½ | 7 | 0 | 7 | 0 |
| 4 | 8 | 0 | 8 | 0 |
| 4½ | 9 | 0 | 9 | 0 |
| 5 | 10 | 0 | 10 | 0 |
| 5½ | 11 | 0 | 11 | 0 |
| 6 | 12 | 0 | 12 | 1 |
| 6½ | 13 | 0 | 13 | 1 |
| 7 | 14 | 0 | 14 | 1 |
| 7½ | 15 | 0 | 15 | 1 |
| 8 | 16 | 0 | 16 | 1 |
| 8½ | 17 | 0 | 17 | 1 |
| 9 | 18 | 0 | 18 | 1 |
| 9½ | 19 | 0 | 19 | 1 |
| 10 | 20 | 0 | 20 | 1 |
| 10½ | 21 | 0 | 21 | 1 |
| 11 | 22 | 0 | 22 | 1 |
| 11½ | 23 | 0 | 23 | 1 |
| 12 | 24 | 0 | 24 | 2 |
| 12½ | 25 | 0 | 25 | 2 |
| 13 | 26 | 0 | 26 | 2 |
| 13½ | 27 | 0 | 27 | 2 |
| 14 | 28 | 0 | 28 | 2 |
| 14½ | 29 | 0 | 29 | 2 |
| 15 | 30 | 0 | 30 | 2 |
| 15½ | 31 | 0 | 31 | 2 |
| 16 | 32 | 0 | 32 | 2 |
| 16½ | 33 | 0 | 33 | 2 |
| 17 | 34 | 0 | 34 | 2 |
| 17½ | 35 | 0 | 35 | 2 |
| 18 | 36 | 0 | 36 | 3 |
| 18½ | 37 | 0 | 37 | 3 |
| 19 | 38 | 0 | 38 | 3 |
| 19½ | 39 | 0 | 39 | 3 |
| 20 | 40 | 0 | 40 | 3 |
| 20½ | 41 | 0 | 41 | 3 |
| 21 | 42 | 0 | 42 | 3 |
| 21½ | 43 | 0 | 43 | 3 |
| 22 | 44 | 0 | 44 | 3 |
| 22½ | 45 | 0 | 45 | 3 |
| 23 | 46 | 0 | 46 | 3 |
| 23½ | 47 | 0 | 47 | 3 |
| 24 | 48 | 0 | 49 | 0 |
| 24½ | 49 | 0 | 50 | 0 |
| 25 | 50 | 0 | 51 | 0 |
| 25½ | 51 | 0 | 52 | 0 |

| Feet Long. | *Inches broad.* 24 | | 24½ | |
|---|---|---|---|---|
| | F. | Q. | F. | Q. |
| 26 | 52 | 0 | 53 | 0 |
| 26½ | 53 | 0 | 54 | 0 |
| 27 | 54 | 0 | 55 | 0 |
| 27½ | 55 | 0 | 56 | 0 |
| 28 | 56 | 0 | 57 | 0 |
| 28½ | 57 | 0 | 58 | 0 |
| 29 | 58 | 0 | 59 | 0 |
| 29½ | 59 | 0 | 60 | 0 |
| 30 | 60 | 0 | 61 | 1 |
| 30½ | 61 | 0 | 62 | 1 |
| 31 | 62 | 0 | 63 | 1 |
| 31½ | 63 | 0 | 64 | 1 |
| 32 | 64 | 0 | 65 | 1 |
| 32½ | 65 | 0 | 66 | 1 |
| 33 | 66 | 0 | 67 | 1 |
| 33½ | 67 | 0 | 68 | 1 |
| 34 | 68 | 0 | 69 | 1 |
| 34½ | 69 | 0 | 70 | 1 |
| 35 | 70 | 0 | 71 | 1 |
| 35½ | 71 | 0 | 72 | 1 |
| 36 | 72 | 0 | 73 | 2 |
| 36½ | 73 | 0 | 74 | 2 |
| 37 | 74 | 0 | 75 | 2 |
| 37½ | 75 | 0 | 76 | 2 |
| 38 | 76 | 0 | 77 | 2 |
| 38½ | 77 | 0 | 78 | 2 |
| 39 | 78 | 0 | 79 | 2 |
| 39½ | 79 | 0 | 80 | 2 |
| 40 | 80 | 0 | 81 | 2 |
| 40½ | 81 | 0 | 82 | 2 |
| 41 | 82 | 0 | 83 | 2 |
| 41½ | 83 | 0 | 84 | 2 |
| 42 | 84 | 0 | 85 | 3 |
| 42½ | 85 | 0 | 86 | 3 |
| 43 | 86 | 0 | 87 | 3 |
| 43½ | 87 | 0 | 88 | 3 |
| 44 | 88 | 0 | 89 | 3 |
| 44½ | 89 | 0 | 90 | 3 |
| 45 | 90 | 0 | 91 | 3 |
| 45½ | 91 | 0 | 92 | 3 |
| 46 | 92 | 0 | 93 | 3 |
| 46½ | 93 | 0 | 94 | 3 |
| 47 | 94 | 0 | 95 | 3 |
| 47½ | 95 | 0 | 96 | 3 |
| 48 | 96 | 0 | 98 | 0 |
| 48½ | 97 | 0 | 99 | 0 |
| 49 | 98 | 0 | 100 | 0 |
| 49½ | 99 | 0 | 101 | 0 |
| 50 | 100 | 0 | 102 | 0 |

| Feet Long. | *Inches broad.* 25 | | 25½ | |
|---|---|---|---|---|
| | F. | Q. | F. | Q. |
| 1 | 2 | 0 | 2 | 0 |
| 1½ | 3 | 0 | 3 | 0 |
| 2 | 4 | 0 | 4 | 1 |
| 2½ | 5 | 0 | 5 | 1 |
| 3 | 6 | 1 | 6 | 1 |
| 3½ | 7 | 1 | 7 | 1 |
| 4 | 8 | 1 | 8 | 2 |
| 4½ | 9 | 1 | 9 | 2 |
| 5 | 10 | 1 | 10 | 2 |
| 5½ | 11 | 1 | 11 | 2 |
| 6 | 12 | 2 | 12 | 3 |
| 6½ | 13 | 2 | 13 | 3 |
| 7 | 14 | 2 | 14 | 3 |
| 7½ | 15 | 2 | 15 | 3 |
| 8 | 16 | 2 | 17 | 0 |
| 8½ | 17 | 2 | 18 | 0 |
| 9 | 18 | 3 | 19 | 0 |
| 9½ | 19 | 3 | 20 | 0 |
| 10 | 20 | 3 | 21 | 1 |
| 10½ | 21 | 3 | 22 | 1 |
| 11 | 22 | 3 | 23 | 1 |
| 11½ | 23 | 3 | 24 | 1 |
| 12 | 25 | 0 | 25 | 2 |
| 12½ | 26 | 0 | 26 | 2 |
| 13 | 27 | 0 | 27 | 2 |
| 13½ | 28 | 0 | 28 | 2 |
| 14 | 29 | 0 | 29 | 3 |
| 14½ | 30 | 0 | 30 | 3 |
| 15 | 31 | 1 | 31 | 3 |
| 15½ | 32 | 1 | 32 | 3 |
| 16 | 33 | 1 | 34 | 0 |
| 16½ | 34 | 1 | 35 | 0 |
| 17 | 35 | 1 | 36 | 0 |
| 17½ | 36 | 1 | 37 | 0 |
| 18 | 37 | 2 | 38 | 1 |
| 18½ | 38 | 2 | 39 | 1 |
| 19 | 39 | 2 | 40 | 1 |
| 19½ | 40 | 2 | 41 | 1 |
| 20 | 41 | 2 | 42 | 2 |
| 20½ | 42 | 2 | 43 | 2 |
| 21 | 43 | 3 | 44 | 2 |
| 21½ | 44 | 3 | 45 | 2 |
| 22 | 45 | 3 | 46 | 3 |
| 22½ | 46 | 3 | 47 | 3 |
| 23 | 47 | 3 | 48 | 3 |
| 23½ | 48 | 3 | 49 | 3 |
| 24 | 50 | 0 | 51 | 0 |
| 24½ | 51 | 0 | 52 | 0 |
| 25 | 52 | 0 | 53 | 0 |
| 25½ | 53 | 0 | 54 | 0 |

| Feet Long. | *Inches broad.* 25 | | 25½ | |
|---|---|---|---|---|
| | F. | Q. | F. | Q. |
| 26 | 54 | 0 | 55 | 1 |
| 26½ | 55 | 0 | 56 | 1 |
| 27 | 56 | 1 | 57 | 1 |
| 27½ | 57 | 1 | 58 | 1 |
| 28 | 58 | 1 | 59 | 2 |
| 28½ | 59 | 1 | 60 | 2 |
| 29 | 60 | 1 | 61 | 2 |
| 29½ | 61 | 1 | 62 | 2 |
| 30 | 62 | 2 | 63 | 3 |
| 30½ | 63 | 2 | 64 | 3 |
| 31 | 64 | 2 | 65 | 3 |
| 31½ | 65 | 2 | 66 | 3 |
| 32 | 66 | 2 | 68 | 0 |
| 32½ | 67 | 2 | 69 | 0 |
| 33 | 68 | 3 | 70 | 0 |
| 33½ | 69 | 3 | 71 | 0 |
| 34 | 70 | 3 | 72 | 1 |
| 34½ | 71 | 3 | 73 | 1 |
| 35 | 72 | 3 | 74 | 1 |
| 35½ | 73 | 3 | 75 | 1 |
| 36 | 75 | 0 | 76 | 2 |
| 36½ | 76 | 0 | 77 | 2 |
| 37 | 77 | 0 | 78 | 2 |
| 37½ | 78 | 0 | 79 | 2 |
| 38 | 79 | 0 | 80 | 3 |
| 38½ | 80 | 0 | 81 | 3 |
| 39 | 81 | 1 | 82 | 3 |
| 39½ | 82 | 1 | 83 | 3 |
| 40 | 83 | 1 | 85 | 0 |

| Feet Long. | *Inches broad.* 26 | | 26½ | | Feet Long. | *Inches broad.* 26 | | 26½ | |
|---|---|---|---|---|---|---|---|---|---|
| | F. | Q. | F. | Q. | | F. | Q. | F. | Q. |
| 1 | 2 | 0 | 2 | 0 | 26 | 56 | 1 | 57 | 1 |
| 1½ | 3 | 1 | 3 | 1 | 26½ | 57 | 1 | 58 | 2 |
| 2 | 4 | 1 | 4 | 1 | 27 | 58 | 2 | 59 | 2 |
| 2½ | 5 | 1 | 5 | 2 | 27½ | 59 | 2 | 60 | 2 |
| 3 | 6 | 2 | 6 | 2 | 28 | 60 | 2 | 61 | 3 |
| 3½ | 7 | 2 | 7 | 2 | 28½ | 61 | 3 | 62 | 3 |
| 4 | 8 | 2 | 8 | 3 | 29 | 62 | 3 | 64 | 0 |
| 4½ | 9 | 3 | 9 | 3 | 29½ | 63 | 3 | 65 | 0 |
| 5 | 10 | 3 | 11 | 0 | 30 | 65 | 0 | 66 | 1 |
| 5½ | 11 | 3 | 12 | 0 | 30½ | 66 | 0 | 67 | 1 |
| 6 | 13 | 0 | 13 | 1 | 31 | 67 | 0 | 68 | 1 |
| 6½ | 14 | 0 | 14 | 1 | 31½ | 68 | 1 | 69 | 2 |
| 7 | 15 | 0 | 15 | 1 | 32 | 69 | 1 | 70 | 2 |
| 7½ | 16 | 1 | 16 | 2 | 32½ | 70 | 1 | 71 | 3 |
| 8 | 17 | 1 | 17 | 2 | 33 | 71 | 2 | 72 | 3 |
| 8½ | 18 | 1 | 18 | 3 | 33½ | 72 | 2 | 73 | 3 |
| 9 | 19 | 2 | 19 | 3 | 34 | 73 | 2 | 75 | 0 |
| 9½ | 20 | 2 | 20 | 3 | 34½ | 74 | 3 | 76 | 0 |
| 10 | 21 | 2 | 22 | 0 | 35 | 75 | 3 | 77 | 1 |
| 10½ | 22 | 3 | 23 | 0 | 35½ | 76 | 3 | 78 | 1 |
| 11 | 23 | 3 | 24 | 1 | 36 | 78 | 0 | 79 | 2 |
| 11½ | 24 | 3 | 25 | 1 | 36½ | 79 | 0 | 80 | 2 |
| 12 | 26 | 0 | 26 | 2 | 37 | 80 | 0 | 81 | 2 |
| 12½ | 27 | 0 | 27 | 2 | 37½ | 81 | 1 | 82 | 3 |
| 13 | 28 | 0 | 28 | 2 | 38 | 82 | 1 | 83 | 3 |
| 13½ | 29 | 1 | 29 | 3 | 38½ | 83 | 1 | 85 | 0 |
| 14 | 30 | 1 | 30 | 3 | 39 | 84 | 2 | 86 | 0 |
| 14½ | 31 | 1 | 32 | 0 | 39½ | 85 | 2 | 87 | 0 |
| 15 | 32 | 2 | 33 | 0 | 40 | 86 | 2 | 88 | 1 |
| 15½ | 33 | 2 | 34 | 0 | | | | | |
| 16 | 34 | 2 | 35 | 1 | | | | | |
| 16½ | 35 | 3 | 36 | 1 | | | | | |
| 17 | 36 | 3 | 37 | 2 | | | | | |
| 17½ | 37 | 3 | 38 | 2 | | | | | |
| 18 | 39 | 0 | 39 | 3 | | | | | |
| 18½ | 40 | 0 | 40 | 3 | | | | | |
| 19 | 41 | 0 | 41 | 3 | | | | | |
| 19½ | 42 | 1 | 43 | 0 | | | | | |
| 20 | 43 | 1 | 44 | 0 | | | | | |
| 20½ | 44 | 1 | 45 | 1 | | | | | |
| 21 | 45 | 2 | 46 | 1 | | | | | |
| 21½ | 46 | 2 | 47 | 1 | | | | | |
| 22 | 47 | 2 | 48 | 2 | | | | | |
| 22½ | 48 | 3 | 49 | 2 | | | | | |
| 23 | 49 | 3 | 50 | 3 | | | | | |
| 23½ | 50 | 3 | 51 | 3 | | | | | |
| 24 | 52 | 0 | 53 | 0 | | | | | |
| 24½ | 53 | 0 | 54 | 0 | | | | | |
| 25 | 54 | 0 | 55 | 0 | | | | | |
| 25½ | 55 | 1 | 56 | 1 | | | | | |

| Feet Long. | *Inches broad.* 27 | | 27½ | |
|---|---|---|---|---|
| | F. | Q. | F. | Q. |
| 1 | 2 | 1 | 2 | 1 |
| 1½ | 3 | 1 | 3 | 1 |
| 2 | 4 | 2 | 4 | 2 |
| 2½ | 5 | 2 | 5 | 2 |
| 3 | 6 | 3 | 6 | 3 |
| 3½ | 7 | 3 | 8 | 0 |
| 4 | 9 | 0 | 9 | 0 |
| 4½ | 10 | 0 | 10 | 1 |
| 5 | 11 | 1 | 11 | 1 |
| 5½ | 12 | 1 | 12 | 2 |
| 6 | 13 | 2 | 13 | 3 |
| 6½ | 14 | 2 | 14 | 3 |
| 7 | 15 | 3 | 16 | 0 |
| 7½ | 16 | 3 | 17 | 0 |
| 8 | 18 | 0 | 18 | 1 |
| 8½ | 19 | 0 | 19 | 1 |
| 9 | 20 | 1 | 20 | 2 |
| 9½ | 21 | 1 | 21 | 3 |
| 10 | 22 | 2 | 22 | 3 |
| 10½ | 23 | 2 | 24 | 0 |
| 11 | 24 | 3 | 25 | 0 |
| 11½ | 25 | 3 | 26 | 1 |
| 12 | 27 | 0 | 27 | 2 |
| 12½ | 28 | 0 | 28 | 2 |
| 13 | 29 | 1 | 29 | 3 |
| 13½ | 30 | 1 | 30 | 3 |
| 14 | 31 | 2 | 32 | 0 |
| 14½ | 32 | 2 | 33 | 0 |
| 15 | 33 | 3 | 34 | 1 |
| 15½ | 34 | 3 | 35 | 2 |
| 16 | 36 | 0 | 36 | 2 |
| 16½ | 37 | 0 | 37 | 3 |
| 17 | 38 | 1 | 38 | 3 |
| 17½ | 39 | 1 | 40 | 0 |
| 18 | 40 | 2 | 41 | 1 |
| 18½ | 41 | 2 | 42 | 1 |
| 19 | 42 | 3 | 43 | 2 |
| 19½ | 43 | 3 | 44 | 2 |
| 20 | 45 | 0 | 45 | 3 |
| 20½ | 46 | 0 | 46 | 3 |
| 21 | 47 | 1 | 48 | 0 |
| 21½ | 48 | 1 | 49 | 1 |
| 22 | 49 | 2 | 50 | 1 |
| 22½ | 50 | 2 | 51 | 2 |
| 23 | 51 | 3 | 52 | 2 |
| 23½ | 52 | 3 | 53 | 3 |
| 24 | 54 | 0 | 55 | 0 |
| 24½ | 55 | 0 | 56 | 0 |
| 25 | 56 | 1 | 57 | 1 |
| 25½ | 57 | 1 | 58 | 1 |

| Feet Long. | *Inches broad.* 27 | | 27½ | |
|---|---|---|---|---|
| | F. | Q. | F. | Q. |
| 26 | 58 | 2 | 59 | 2 |
| 26½ | 59 | 2 | 60 | 2 |
| 27 | 60 | 3 | 61 | 3 |
| 27½ | 61 | 3 | 63 | 0 |
| 28 | 63 | 0 | 64 | 0 |
| 28½ | 64 | 0 | 65 | 1 |
| 29 | 65 | 1 | 66 | 1 |
| 29½ | 66 | 1 | 67 | 2 |
| 30 | 67 | 2 | 68 | 3 |
| 30½ | 68 | 2 | 69 | 3 |
| 31 | 69 | 3 | 71 | 0 |
| 31½ | 70 | 3 | 72 | 0 |
| 32 | 72 | 0 | 73 | 1 |
| 32½ | 73 | 0 | 74 | 1 |
| 33 | 74 | 1 | 75 | 2 |
| 33½ | 75 | 1 | 76 | 3 |
| 34 | 76 | 2 | 77 | 3 |
| 34½ | 77 | 2 | 79 | 0 |
| 35 | 78 | 3 | 80 | 0 |
| 35½ | 79 | 3 | 81 | 1 |
| 36 | 81 | 0 | 82 | 2 |
| 36½ | 82 | 0 | 83 | 2 |
| 37 | 83 | 1 | 84 | 3 |
| 37½ | 84 | 1 | 85 | 3 |
| 38 | 85 | 2 | 87 | 0 |
| 38½ | 86 | 2 | 88 | 0 |
| 39 | 87 | 3 | 89 | 1 |
| 39½ | 88 | 3 | 90 | 2 |
| 40 | 90 | 0 | 91 | 2 |

| Feet Long | *Inches broad.* 28 | | 28½ | |
|---|---|---|---|---|
| | F. | Q. | F. | Q. |
| 1 | 2 | 1 | 2 | 1 |
| 1½ | 3 | 2 | 3 | 2 |
| 2 | 4 | 2 | 4 | 3 |
| 2½ | 5 | 3 | 5 | 3 |
| 3 | 7 | 0 | 7 | 0 |
| 3½ | 8 | 0 | 8 | 1 |
| 4 | 9 | 1 | 9 | 2 |
| 4½ | 10 | 2 | 10 | 2 |
| 5 | 11 | 2 | 11 | 3 |
| 5½ | 12 | 3 | 13 | 0 |
| 6 | 14 | 0 | 14 | 1 |
| 6½ | 15 | 0 | 15 | 1 |
| 7 | 16 | 1 | 16 | 2 |
| 7½ | 17 | 2 | 17 | 3 |
| 8 | 18 | 2 | 19 | 0 |
| 8½ | 19 | 3 | 20 | 0 |
| 9 | 21 | 0 | 21 | 1 |
| 9½ | 22 | 0 | 22 | 2 |
| 10 | 23 | 1 | 23 | 3 |
| 10½ | 24 | 2 | 24 | 3 |
| 11 | 25 | 2 | 26 | 0 |
| 11½ | 26 | 3 | 27 | 1 |
| 12 | 28 | 0 | 28 | 2 |
| 12½ | 29 | 0 | 29 | 2 |
| 13 | 30 | 1 | 30 | 3 |
| 13½ | 31 | 2 | 32 | 0 |
| 14 | 32 | 2 | 33 | 1 |
| 14½ | 33 | 3 | 34 | 1 |
| 15 | 35 | 0 | 35 | 2 |
| 15½ | 36 | 0 | 36 | 3 |
| 16 | 37 | 1 | 38 | 0 |
| 16½ | 38 | 2 | 39 | 0 |
| 17 | 39 | 2 | 40 | 1 |
| 17½ | 40 | 3 | 41 | 2 |
| 18 | 42 | 0 | 42 | 3 |
| 18½ | 43 | 0 | 43 | 3 |
| 19 | 44 | 1 | 45 | 0 |
| 19½ | 45 | 2 | 46 | 1 |
| 20 | 46 | 2 | 47 | 2 |
| 20½ | 47 | 3 | 48 | 2 |
| 21 | 49 | 0 | 49 | 3 |
| 21½ | 50 | 0 | 51 | 0 |
| 22 | 51 | 1 | 52 | 1 |
| 22½ | 52 | 2 | 53 | 1 |
| 23 | 53 | 2 | 54 | 2 |
| 23½ | 54 | 3 | 55 | 3 |
| 24 | 56 | 0 | 57 | 0 |
| 24½ | 57 | 0 | 58 | 0 |
| 25 | 58 | 1 | 59 | 1 |
| 25½ | 59 | 2 | 60 | 2 |

| Feet Long. | *Inches broad.* 28 | | 28½ | |
|---|---|---|---|---|
| | F. | Q. | F. | Q. |
| 26 | 60 | 2 | 61 | 3 |
| 26½ | 61 | 3 | 62 | 3 |
| 27 | 63 | 0 | 64 | 0 |
| 27½ | 64 | 0 | 65 | 1 |
| 28 | 65 | 1 | 66 | 2 |
| 28½ | 66 | 2 | 67 | 2 |
| 29 | 67 | 2 | 68 | 3 |
| 29½ | 68 | 3 | 70 | 0 |
| 30 | 70 | 0 | 71 | 1 |
| 30½ | 71 | 0 | 72 | 1 |
| 31 | 72 | 1 | 73 | 2 |
| 31½ | 73 | 2 | 74 | 3 |
| 32 | 74 | 2 | 76 | 0 |
| 32½ | 75 | 3 | 77 | 0 |
| 33 | 77 | 0 | 78 | 1 |
| 33½ | 78 | 0 | 79 | 2 |
| 34 | 79 | 1 | 80 | 3 |
| 34½ | 80 | 2 | 81 | 3 |
| 35 | 81 | 2 | 83 | 0 |
| 35½ | 82 | 3 | 84 | 1 |
| 36 | 84 | 0 | 85 | 2 |
| 36½ | 85 | 0 | 86 | 2 |
| 37 | 86 | 1 | 87 | 3 |
| 37½ | 87 | 2 | 89 | 0 |
| 38 | 88 | 2 | 90 | 1 |
| 38½ | 89 | 3 | 91 | 1 |
| 39 | 91 | 0 | 92 | 2 |
| 39½ | 92 | 0 | 93 | 3 |
| 40 | 93 | 1 | 95 | 0 |

| Feet Long. | *Inches broad.* 29 | | 29½ | |
|---|---|---|---|---|
| | F. | Q. | F. | Q. |
| 1 | 2 | 1 | 2 | 1 |
| 1½ | 3 | 2 | 3 | 2 |
| 2 | 4 | 3 | 4 | 3 |
| 2½ | 6 | 0 | 6 | 0 |
| 3 | 7 | 1 | 7 | 1 |
| 3½ | 8 | 1 | 8 | 2 |
| 4 | 9 | 2 | 9 | 3 |
| 4½ | 10 | 3 | 11 | 0 |
| 5 | 12 | 0 | 12 | 1 |
| 5½ | 13 | 1 | 13 | 2 |
| 6 | 14 | 2 | 14 | 3 |
| 6½ | 15 | 2 | 15 | 3 |
| 7 | 16 | 3 | 17 | 0 |
| 7½ | 18 | 0 | 18 | 1 |
| 8 | 19 | 1 | 19 | 2 |
| 8½ | 20 | 2 | 20 | 3 |
| 9 | 21 | 3 | 22 | 0 |
| 9½ | 22 | 3 | 23 | 1 |
| 10 | 24 | 0 | 24 | 2 |
| 10½ | 25 | 1 | 25 | 3 |
| 11 | 26 | 2 | 27 | 0 |
| 11½ | 27 | 3 | 28 | 1 |
| 12 | 29 | 0 | 29 | 2 |
| 12½ | 30 | 0 | 30 | 2 |
| 13 | 31 | 1 | 31 | 3 |
| 13½ | 32 | 2 | 33 | 0 |
| 14 | 33 | 3 | 34 | 1 |
| 14½ | 35 | 0 | 35 | 2 |
| 15 | 36 | 1 | 36 | 3 |
| 15½ | 37 | 1 | 38 | 0 |
| 16 | 38 | 2 | 39 | 1 |
| 16½ | 39 | 3 | 40 | 2 |
| 17 | 41 | 0 | 41 | 3 |
| 17½ | 42 | 1 | 43 | 0 |
| 18 | 43 | 2 | 44 | 1 |
| 18½ | 44 | 2 | 45 | 1 |
| 19 | 45 | 3 | 46 | 2 |
| 19½ | 47 | 0 | 47 | 3 |
| 20 | 48 | 1 | 49 | 0 |
| 20½ | 49 | 2 | 50 | 1 |
| 21 | 50 | 3 | 51 | 2 |
| 21½ | 51 | 3 | 52 | 3 |
| 22 | 53 | 0 | 54 | 0 |
| 22½ | 54 | 1 | 55 | 1 |
| 23 | 55 | 2 | 56 | 2 |
| 23½ | 56 | 3 | 57 | 3 |
| 24 | 58 | 0 | 59 | 0 |
| 24½ | 59 | 0 | 60 | 0 |
| 25 | 60 | 1 | 61 | 1 |
| 25½ | 61 | 2 | 62 | 2 |

| Feet Long. | *Inches broad.* 29 | | 29½ | |
|---|---|---|---|---|
| | F. | Q. | F. | Q. |
| 26 | 62 | 3 | 63 | 3 |
| 26½ | 64 | 0 | 65 | 0 |
| 27 | 65 | 1 | 66 | 1 |
| 27½ | 66 | 1 | 67 | 2 |
| 28 | 67 | 2 | 68 | 3 |
| 28½ | 68 | 3 | 70 | 0 |
| 29 | 70 | 0 | 71 | 1 |
| 29½ | 71 | 1 | 72 | 1 |
| 30 | 72 | 2 | 73 | 3 |
| 30½ | 73 | 2 | 74 | 3 |
| 31 | 74 | 3 | 76 | 0 |
| 31½ | 76 | 0 | 77 | 1 |
| 32 | 77 | 1 | 78 | 2 |
| 32½ | 78 | 2 | 79 | 3 |
| 33 | 79 | 3 | 81 | 0 |
| 33½ | 80 | 3 | 82 | 1 |
| 34 | 82 | 0 | 83 | 2 |
| 34½ | 83 | 1 | 84 | 3 |
| 35 | 84 | 2 | 86 | 0 |
| 35½ | 85 | 3 | 87 | 0 |
| 36 | 87 | 0 | 88 | 2 |
| 36½ | 88 | 0 | 89 | 2 |
| 37 | 89 | 1 | 90 | 3 |
| 37½ | 90 | 2 | 92 | 0 |
| 38 | 91 | 3 | 93 | 1 |
| 38½ | 93 | 0 | 94 | 2 |
| 39 | 94 | 1 | 95 | 3 |
| 39½ | 95 | 1 | 97 | 0 |
| 40 | 96 | 2 | 98 | 1 |

| Feet Long. | *Inches broad.* 30 | | 30½ | |
|---|---|---|---|---|
| | F. | Q. | F. | Q. |
| 1 | 2 | 2 | 2 | 2 |
| 1½ | 3 | 3 | 3 | 3 |
| 2 | 5 | 0 | 5 | 0 |
| 2½ | 6 | 1 | 6 | 1 |
| 3 | 7 | 2 | 7 | 2 |
| 3½ | 8 | 3 | 8 | 3 |
| 4 | 10 | 0 | 10 | 0 |
| 4½ | 11 | 1 | 11 | 1 |
| 5 | 12 | 2 | 12 | 2 |
| 5½ | 13 | 3 | 13 | 3 |
| 6 | 15 | 0 | 15 | 1 |
| 6½ | 16 | 1 | 16 | 2 |
| 7 | 17 | 2 | 17 | 3 |
| 7½ | 18 | 3 | 19 | 0 |
| 8 | 20 | 0 | 20 | 1 |
| 8½ | 21 | 1 | 21 | 2 |
| 9 | 22 | 2 | 22 | 3 |
| 9½ | 23 | 3 | 24 | 0 |
| 10 | 25 | 0 | 25 | 1 |
| 10½ | 26 | 1 | 26 | 2 |
| 11 | 27 | 2 | 27 | 3 |
| 11½ | 28 | 3 | 29 | 0 |
| 12 | 30 | 0 | 30 | 2 |
| 12½ | 31 | 1 | 31 | 3 |
| 13 | 32 | 2 | 33 | 0 |
| 13½ | 33 | 3 | 34 | 1 |
| 14 | 35 | 0 | 35 | 2 |
| 14½ | 36 | 1 | 36 | 3 |
| 15 | 37 | 2 | 38 | 0 |
| 15½ | 38 | 3 | 39 | 1 |
| 16 | 40 | 0 | 40 | 2 |
| 16½ | 41 | 1 | 41 | 3 |
| 17 | 42 | 2 | 43 | 0 |
| 17½ | 43 | 3 | 44 | 1 |
| 18 | 45 | 0 | 45 | 3 |
| 18½ | 46 | 1 | 47 | 0 |
| 19 | 47 | 2 | 48 | 1 |
| 19½ | 48 | 3 | 49 | 2 |
| 20 | 50 | 0 | 50 | 3 |
| 20½ | 51 | 1 | 52 | 0 |
| 21 | 52 | 2 | 53 | 1 |
| 21½ | 53 | 3 | 54 | 2 |
| 22 | 55 | 0 | 55 | 3 |
| 22½ | 56 | 1 | 57 | 0 |
| 23 | 57 | 2 | 58 | 1 |
| 23½ | 58 | 3 | 59 | 2 |
| 24 | 60 | 0 | 61 | 0 |
| 24½ | 61 | 1 | 62 | 1 |
| 25 | 62 | 2 | 63 | 2 |
| 25½ | 63 | 3 | 64 | 3 |

| Feet Long. | *Inches broad.* 30 | | 30½ | |
|---|---|---|---|---|
| | F. | Q. | F. | Q. |
| 26 | 65 | 0 | 66 | 0 |
| 26½ | 66 | 1 | 67 | 1 |
| 27 | 67 | 2 | 68 | 2 |
| 27½ | 68 | 3 | 69 | 3 |
| 28 | 70 | 0 | 71 | 0 |
| 28½ | 71 | 1 | 72 | 1 |
| 29 | 72 | 2 | 73 | 2 |
| 29½ | 73 | 3 | 74 | 3 |
| 30 | 75 | 0 | 76 | 1 |
| 30½ | 76 | 1 | 77 | 2 |
| 31 | 77 | 2 | 78 | 3 |
| 31½ | 78 | 3 | 80 | 0 |
| 32 | 80 | 0 | 81 | 1 |
| 32½ | 81 | 1 | 82 | 2 |
| 33 | 82 | 2 | 83 | 3 |
| 33½ | 83 | 3 | 85 | 0 |
| 34 | 85 | 0 | 86 | 1 |
| 34½ | 86 | 1 | 87 | 2 |
| 35 | 87 | 2 | 88 | 3 |
| 35½ | 88 | 3 | 90 | 0 |
| 36 | 90 | 0 | 91 | 2 |
| 36½ | 91 | 1 | 92 | 3 |
| 37 | 92 | 2 | 94 | 0 |
| 37½ | 93 | 3 | 95 | 1 |
| 38 | 95 | 0 | 96 | 2 |
| 38½ | 96 | 1 | 97 | 3 |
| 39 | 97 | 2 | 99 | 0 |
| 39½ | 98 | 3 | 100 | 1 |
| 40 | 100 | 0 | 101 | 2 |

| Feet Long. | *Inches broad.* | | | | Feet Long | *Inches broad.* | | | |
|---|---|---|---|---|---|---|---|---|---|
| | 31 | 31½ | 32 | 32½ | | 33 | 33½ | 34 | 34½ |
| | F. Q | F. Q. | F. Q. | F. Q. | | F. Q | F. Q | F. Q. | F. Q. |
| 1 | 2 2 | 2 2 | 2 2 | 2 2 | 1 | 2 3 | 2 3 | 2 3 | 2 3 |
| 1½ | 3 3 | 3 3 | 4 0 | 4 0 | 1½ | 4 0 | 4 0 | 4 1 | 4 1 |
| 2 | 5 0 | 5 1 | 5 1 | 5 1 | 2 | 5 1 | 5 2 | 5 2 | 5 3 |
| 2½ | 6 1 | 6 2 | 6 2 | 6 3 | 2½ | 6 3 | 6 3 | 7 0 | 7 0 |
| 3 | 7 3 | 7 3 | 8 0 | 8 0 | 3 | 8 1 | 8 1 | 8 2 | 8 2 |
| 3½ | 9 0 | 9 0 | 9 1 | 9 1 | 3½ | 9 2 | 9 3 | 9 3 | 10 0 |
| 4 | 10 1 | 10 2 | 10 2 | 10 3 | 4 | 11 0 | 11 0 | 11 1 | 11 2 |
| 4½ | 11 2 | 11 3 | 12 0 | 12 0 | 4½ | 12 1 | 12 2 | 12 3 | 12 3 |
| 5 | 12 3 | 13 0 | 13 1 | 13 2 | 5 | 13 3 | 13 3 | 14 0 | 14 1 |
| 5½ | 14 0 | 14 1 | 14 2 | 14 3 | 5½ | 15 0 | 15 1 | 15 2 | 15 3 |
| 6 | 15 2 | 15 3 | 16 0 | 16 1 | 6 | 16 2 | 16 3 | 17 0 | 17 1 |
| 6½ | 16 3 | 17 0 | 17 1 | 17 2 | 6½ | 17 3 | 18 0 | 18 1 | 18 2 |
| 7 | 18 0 | 18 1 | 18 2 | 18 3 | 7 | 19 1 | 19 2 | 19 3 | 20 0 |
| 7½ | 19 1 | 19 2 | 20 0 | 20 1 | 7½ | 20 2 | 20 3 | 21 1 | 21 2 |
| 8 | 20 2 | 21 0 | 21 1 | 21 2 | 8 | 22 0 | 22 1 | 22 2 | 23 0 |
| 8½ | 21 3 | 22 1 | 22 2 | 23 0 | 8½ | 23 1 | 23 2 | 24 0 | 24 1 |
| 9 | 23 1 | 23 2 | 24 0 | 24 1 | 9 | 24 3 | 25 0 | 25 2 | 25 3 |
| 9½ | 24 2 | 24 3 | 25 1 | 25 2 | 9½ | 26 0 | 26 2 | 26 3 | 27 1 |
| 10 | 25 3 | 26 1 | 26 2 | 27 0 | 10 | 27 2 | 27 3 | 28 1 | 28 3 |
| 10½ | 27 0 | 27 2 | 28 0 | 28 1 | 10½ | 28 3 | 29 1 | 29 3 | 30 0 |
| 11 | 28 1 | 28 3 | 29 1 | 29 3 | 11 | 30 1 | 30 2 | 31 0 | 31 2 |
| 11½ | 29 2 | 30 0 | 30 2 | 31 0 | 11½ | 31 2 | 32 0 | 32 2 | 33 0 |
| 12 | 31 0 | 31 2 | 32 0 | 32 2 | 12 | 33 0 | 33 2 | 34 0 | 34 2 |
| 12½ | 32 1 | 32 3 | 33 1 | 33 3 | 12½ | 34 1 | 34 3 | 35 1 | 35 3 |
| 13 | 33 2 | 34 0 | 34 2 | 35 0 | 13 | 35 3 | 36 1 | 36 3 | 37 1 |
| 13½ | 34 3 | 35 1 | 36 0 | 36 2 | 13½ | 37 0 | 37 2 | 38 1 | 38 3 |
| 14 | 36 0 | 36 3 | 37 1 | 37 3 | 14 | 38 2 | 39 0 | 39 2 | 40 1 |
| 14½ | 37 1 | 38 0 | 38 2 | 39 1 | 14½ | 39 3 | 40 1 | 41 0 | 41 2 |
| 15 | 38 3 | 39 1 | 40 0 | 40 2 | 15 | 41 1 | 41 3 | 42 2 | 43 0 |
| 15½ | 40 0 | 40 2 | 41 1 | 41 3 | 15½ | 42 2 | 43 1 | 43 3 | 44 2 |
| 16 | 41 1 | 42 0 | 42 2 | 43 1 | 16 | 44 0 | 44 2 | 45 1 | 46 0 |
| 16½ | 42 2 | 43 1 | 44 0 | 44 2 | 16½ | 45 1 | 46 0 | 46 3 | 47 1 |
| 17 | 43 3 | 44 2 | 45 1 | 46 0 | 17 | 46 3 | 47 1 | 48 0 | 48 3 |
| 17½ | 45 0 | 45 3 | 46 2 | 47 1 | 17½ | 48 0 | 48 3 | 49 2 | 50 1 |
| 18 | 46 2 | 47 1 | 48 0 | 48 3 | 18 | 49 2 | 50 1 | 51 0 | 51 3 |
| 18½ | 47 3 | 48 2 | 49 1 | 50 0 | 18½ | 50 3 | 51 2 | 52 1 | 53 0 |
| 19 | 49 0 | 49 3 | 50 2 | 51 1 | 19 | 52 1 | 53 0 | 53 3 | 54 2 |
| 19½ | 50 1 | 51 0 | 52 0 | 52 3 | 19½ | 53 2 | 54 1 | 55 1 | 56 0 |
| 20 | 51 2 | 52 2 | 53 1 | 54 0 | 20 | 55 0 | 55 3 | 56 2 | 57 2 |
| 20½ | 52 3 | 53 3 | 54 2 | 55 2 | 20½ | 56 1 | 57 0 | 58 0 | 58 3 |
| 21 | 54 1 | 55 0 | 56 0 | 56 3 | 21 | 57 3 | 58 2 | 59 2 | 60 1 |
| 21½ | 55 2 | 56 1 | 57 1 | 58 0 | 21½ | 59 0 | 60 0 | 60 3 | 61 3 |
| 22 | 56 3 | 57 3 | 58 2 | 59 2 | 22 | 60 2 | 61 1 | 62 1 | 63 1 |
| 22½ | 58 0 | 59 0 | 60 0 | 60 3 | 22½ | 61 3 | 62 3 | 63 3 | 64 2 |
| 23 | 59 1 | 60 1 | 61 1 | 62 1 | 23 | 63 1 | 64 0 | 65 0 | 66 0 |
| 23½ | 60 2 | 61 2 | 62 2 | 63 2 | 23½ | 64 2 | 65 2 | 66 2 | 67 2 |
| 24 | 62 0 | 63 0 | 64 0 | 65 0 | 24 | 66 0 | 67 0 | 68 0 | 69 0 |
| 24½ | 63 1 | 64 1 | 65 1 | 66 1 | 24½ | 67 1 | 68 1 | 69 1 | 70 1 |
| 25 | 64 2 | 65 2 | 66 2 | 67 2 | 25 | 68 3 | 69 3 | 70 3 | 71 3 |
| 25½ | | | | | | | | | |

| Feet Long. | *Inches broad.* | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | 35 | | 35½ | | 36 | | 36½ | |
| | F. | Q. | F. | Q. | F. | Q | F. | Q. |
| 1 | 2 | 3 | 2 | 3 | 3 | 0 | 3 | 0 |
| 1½ | 4 | 1 | 4 | 1 | 4 | 2 | 4 | 2 |
| 2 | 5 | 3 | 5 | 3 | 6 | 0 | 6 | 0 |
| 2½ | 7 | 1 | 7 | 1 | 7 | 2 | 7 | 2 |
| 3 | 8 | 3 | 8 | 3 | 9 | 0 | 9 | 0 |
| 3½ | 10 | 0 | 10 | 1 | 10 | 2 | 10 | 2 |
| 4 | 11 | 2 | 11 | 3 | 12 | 0 | 12 | 0 |
| 4½ | 13 | 0 | 13 | 1 | 13 | 2 | 13 | 2 |
| 5 | 14 | 2 | 14 | 3 | 15 | 0 | 15 | 0 |
| 5½ | 16 | 0 | 16 | 1 | 16 | 2 | 16 | 2 |
| 6 | 17 | 2 | 17 | 3 | 18 | 0 | 18 | 1 |
| 6½ | 18 | 3 | 19 | 0 | 19 | 2 | 19 | 3 |
| 7 | 20 | 1 | 20 | 2 | 21 | 0 | 21 | 1 |
| 7½ | 21 | 3 | 22 | 0 | 22 | 2 | 22 | 3 |
| 8 | 23 | 1 | 23 | 2 | 24 | 0 | 24 | 1 |
| 8½ | 24 | 3 | 25 | 0 | 25 | 2 | 25 | 3 |
| 9 | 26 | 1 | 26 | 2 | 27 | 0 | 27 | 1 |
| 9½ | 27 | 2 | 28 | 0 | 28 | 2 | 28 | 3 |
| 10 | 29 | 0 | 29 | 2 | 30 | 0 | 30 | 1 |
| 10½ | 30 | 2 | 31 | 0 | 31 | 2 | 31 | 3 |
| 11 | 32 | 0 | 32 | 2 | 33 | 0 | 33 | 1 |
| 11½ | 33 | 2 | 34 | 0 | 34 | 2 | 34 | 3 |
| 12 | 35 | 0 | 35 | 2 | 36 | 0 | 36 | 2 |
| 12½ | 36 | 1 | 36 | 3 | 37 | 2 | 38 | 0 |
| 13 | 37 | 3 | 38 | 1 | 39 | 0 | 39 | 2 |
| 13½ | 39 | 1 | 39 | 3 | 40 | 2 | 41 | 0 |
| 14 | 40 | 3 | 41 | 1 | 42 | 0 | 42 | 2 |
| 14½ | 42 | 1 | 42 | 3 | 43 | 2 | 44 | 0 |
| 15 | 43 | 3 | 44 | 1 | 45 | 0 | 45 | 2 |
| 15½ | 45 | 0 | 45 | 3 | 46 | 2 | 47 | 0 |
| 16 | 46 | 2 | 47 | 1 | 48 | 0 | 48 | 2 |
| 16½ | 48 | 0 | 48 | 3 | 49 | 2 | 50 | 0 |
| 17 | 49 | 2 | 50 | 1 | 51 | 0 | 51 | 2 |
| 17½ | 51 | 0 | 51 | 3 | 52 | 2 | 53 | 0 |
| 18 | 52 | 2 | 53 | 1 | 54 | 0 | 54 | 3 |
| 18½ | 53 | 3 | 54 | 2 | 55 | 2 | 56 | 1 |
| 19 | 55 | 1 | 56 | 0 | 57 | 0 | 57 | 3 |
| 19½ | 56 | 3 | 57 | 2 | 58 | 2 | 59 | 1 |
| 20 | 58 | 1 | 59 | 0 | 60 | 0 | 60 | 3 |
| 20½ | 59 | 3 | 60 | 2 | 61 | 2 | 62 | 1 |
| 21 | 61 | 1 | 62 | 0 | 63 | 0 | 63 | 3 |
| 21½ | 62 | 2 | 63 | 2 | 64 | 2 | 65 | 1 |
| 22 | 64 | 0 | 65 | 0 | 66 | 0 | 66 | 3 |
| 22½ | 65 | 2 | 66 | 2 | 67 | 2 | 68 | 1 |
| 23 | 67 | 0 | 68 | 0 | 69 | 0 | 69 | 3 |
| 23½ | 68 | 2 | 69 | 2 | 70 | 2 | 71 | 1 |
| 24 | 70 | 0 | 71 | 0 | 72 | 0 | 73 | 0 |
| 24½ | 71 | 1 | 72 | 1 | 73 | 2 | 74 | 2 |
| 25 | 72 | 3 | 73 | 3 | 75 | 0 | 76 | 0 |

| Feet Long. | *Inches broad.* | | | | | | | |
|---|---|---|---|---|---|---|---|---|
| | 37 | | 37½ | | 38 | | 38½ | |
| | F. | Q | F. | Q. | F. | Q | F. | Q |
| 1 | 3 | 0 | 3 | 0 | 3 | 0 | 3 | 0 |
| 1½ | 4 | 2 | 4 | 2 | 4 | 3 | 4 | 3 |
| 2 | 6 | 0 | 6 | 1 | 6 | 1 | 6 | 1 |
| 2½ | 7 | 2 | 7 | 3 | 7 | 3 | 8 | 0 |
| 3 | 9 | 1 | 9 | 1 | 9 | 2 | 9 | 2 |
| 3½ | 10 | 3 | 10 | 3 | 11 | 0 | 11 | 0 |
| 4 | 12 | 1 | 12 | 2 | 12 | 2 | 12 | 3 |
| 4½ | 13 | 3 | 14 | 0 | 14 | 1 | 14 | 1 |
| 5 | 15 | 1 | 15 | 2 | 15 | 3 | 16 | 0 |
| 5½ | 16 | 3 | 17 | 0 | 17 | 1 | 17 | 2 |
| 6 | 18 | 2 | 18 | 3 | 19 | 0 | 19 | 1 |
| 6½ | 20 | 0 | 20 | 1 | 20 | 2 | 20 | 3 |
| 7 | 21 | 2 | 21 | 3 | 22 | 0 | 22 | 1 |
| 7½ | 23 | 0 | 23 | 1 | 23 | 3 | 24 | 0 |
| 8 | 24 | 2 | 25 | 0 | 25 | 1 | 25 | 2 |
| 8½ | 26 | 0 | 26 | 2 | 26 | 3 | 27 | 1 |
| 9 | 27 | 3 | 28 | 0 | 28 | 2 | 28 | 3 |
| 9½ | 29 | 1 | 29 | 2 | 30 | 0 | 30 | 1 |
| 10 | 30 | 3 | 31 | 1 | 31 | 2 | 32 | 0 |
| 10½ | 32 | 1 | 32 | 3 | 33 | 1 | 33 | 2 |
| 11 | 33 | 3 | 34 | 1 | 34 | 3 | 35 | 1 |
| 11½ | 35 | 1 | 35 | 3 | 36 | 1 | 36 | 3 |
| 12 | 37 | 0 | 37 | 2 | 38 | 0 | 38 | 2 |
| 12½ | 38 | 2 | 39 | 0 | 39 | 2 | 40 | 0 |
| 13 | 40 | 0 | 40 | 2 | 41 | 0 | 41 | 2 |
| 13½ | 41 | 2 | 42 | 0 | 42 | 3 | 43 | 1 |
| 14 | 43 | 0 | 43 | 3 | 44 | 1 | 44 | 3 |
| 14½ | 44 | 2 | 45 | 1 | 45 | 3 | 46 | 2 |
| 15 | 46 | 1 | 46 | 3 | 47 | 2 | 48 | 0 |
| 15½ | 47 | 3 | 48 | 1 | 49 | 0 | 49 | 2 |
| 16 | 49 | 1 | 50 | 0 | 50 | 2 | 51 | 1 |
| 16½ | 50 | 3 | 51 | 2 | 52 | 1 | 52 | 3 |
| 17 | 52 | 1 | 53 | 0 | 53 | 3 | 54 | 2 |
| 17½ | 53 | 3 | 54 | 2 | 55 | 1 | 56 | 0 |
| 18 | 55 | 2 | 56 | 1 | 57 | 0 | 57 | 3 |
| 18½ | 57 | 0 | 57 | 3 | 58 | 2 | 59 | 1 |
| 19 | 58 | 2 | 59 | 1 | 60 | 0 | 60 | 3 |
| 19½ | 60 | 0 | 60 | 3 | 61 | 3 | 62 | 2 |
| 20 | 61 | 2 | 62 | 2 | 63 | 1 | 64 | 0 |
| 20½ | 63 | 0 | 64 | 0 | 64 | 3 | 65 | 3 |
| 21 | 64 | 3 | 65 | 2 | 66 | 2 | 67 | 1 |
| 21½ | 66 | 1 | 67 | 0 | 68 | 0 | 68 | 3 |
| 22 | 67 | 3 | 68 | 3 | 69 | 2 | 70 | 2 |
| 22½ | 69 | 1 | 70 | 1 | 71 | 1 | 72 | 0 |
| 23 | 70 | 3 | 71 | 3 | 72 | 3 | 73 | 3 |
| 23½ | 72 | 1 | 73 | 1 | 74 | 1 | 75 | 1 |
| 24 | 74 | 0 | 75 | 0 | 76 | 0 | 77 | 0 |
| 24½ | 75 | 2 | 76 | 2 | 77 | 2 | 78 | 2 |
| 25 | 77 | 0 | 78 | 0 | 79 | 0 | 80 | 0 |

| Feet Long. | *Inches broad.* 39 | | 39½ | | 40 | | 40½ | |
|---|---|---|---|---|---|---|---|---|
| | F. | Q. | F. | Q. | F. | Q. | F. | Q. |
| 1 | 3 | 1 | 3 | 1 | 3 | 1 | 3 | 1 |
| 1½ | 4 | 3 | 4 | 3 | 5 | 0 | 5 | 0 |
| 2 | 6 | 2 | 6 | 2 | 6 | 2 | 6 | 3 |
| 2½ | 8 | 0 | 8 | 0 | 8 | 1 | 8 | 1 |
| 3 | 9 | 3 | 9 | 3 | 10 | 0 | 10 | 0 |
| 3½ | 11 | 1 | 11 | 2 | 11 | 2 | 11 | 3 |
| 4 | 13 | 0 | 13 | 0 | 13 | 1 | 13 | 2 |
| 4½ | 14 | 2 | 14 | 3 | 15 | 0 | 15 | 0 |
| 5 | 16 | 1 | 16 | 1 | 16 | 2 | 16 | 3 |
| 5½ | 17 | 3 | 18 | 0 | 18 | 1 | 18 | 2 |
| 6 | 19 | 2 | 19 | 3 | 20 | 0 | 20 | 1 |
| 6½ | 21 | 0 | 21 | 1 | 21 | 2 | 21 | 3 |
| 7 | 22 | 3 | 23 | 0 | 23 | 1 | 23 | 2 |
| 7½ | 24 | 1 | 24 | 2 | 25 | 0 | 25 | 1 |
| 8 | 26 | 0 | 26 | 1 | 26 | 2 | 27 | 0 |
| 8½ | 27 | 2 | 27 | 3 | 28 | 1 | 28 | 2 |
| 9 | 29 | 1 | 29 | 2 | 30 | 0 | 30 | 1 |
| 9½ | 30 | 3 | 31 | 1 | 31 | 2 | 32 | 0 |
| 10 | 32 | 2 | 32 | 3 | 33 | 1 | 33 | 3 |
| 10½ | 34 | 0 | 34 | 2 | 35 | 0 | 35 | 1 |
| 11 | 35 | 3 | 36 | 0 | 36 | 2 | 37 | 0 |
| 11½ | 37 | 1 | 37 | 3 | 38 | 1 | 38 | 3 |
| 12 | 39 | 0 | 39 | 2 | 40 | 0 | 40 | 2 |
| 12½ | 40 | 2 | 41 | 0 | 41 | 2 | 42 | 0 |
| 13 | 42 | 1 | 42 | 3 | 43 | 1 | 43 | 3 |
| 13½ | 43 | 3 | 44 | 1 | 45 | 0 | 45 | 2 |
| 14 | 45 | 2 | 46 | 0 | 46 | 2 | 47 | 1 |
| 14½ | 47 | 0 | 47 | 2 | 48 | 1 | 48 | 3 |
| 15 | 48 | 3 | 49 | 1 | 50 | 0 | 50 | 2 |
| 15½ | 50 | 1 | 51 | 0 | 51 | 2 | 52 | 1 |
| 16 | 52 | 0 | 52 | 2 | 53 | 1 | 54 | 0 |
| 16½ | 53 | 2 | 54 | 1 | 55 | 0 | 55 | 2 |
| 17 | 55 | 1 | 55 | 3 | 56 | 2 | 57 | 1 |
| 17½ | 56 | 3 | 57 | 2 | 58 | 1 | 59 | 0 |
| 18 | 58 | 2 | 59 | 1 | 60 | 0 | 60 | 3 |
| 18½ | 60 | 0 | 60 | 3 | 61 | 2 | 62 | 1 |
| 19 | 61 | 3 | 62 | 2 | 63 | 1 | 64 | 0 |
| 19½ | 63 | 1 | 64 | 0 | 65 | 0 | 65 | 3 |
| 20 | 65 | 0 | 65 | 3 | 66 | 2 | 67 | 2 |
| 20½ | 66 | 2 | 67 | 1 | 68 | 1 | 69 | 0 |
| 21 | 68 | 1 | 69 | 0 | 70 | 0 | 70 | 3 |
| 21½ | 69 | 3 | 70 | 3 | 71 | 2 | 72 | 2 |
| 22 | 71 | 2 | 72 | 1 | 73 | 1 | 74 | 1 |
| 22½ | 73 | 0 | 74 | 0 | 75 | 0 | 75 | 3 |
| 23 | 74 | 3 | 75 | 2 | 76 | 2 | 77 | 2 |
| 23½ | 76 | 1 | 77 | 1 | 78 | 1 | 79 | 1 |
| 24 | 78 | 0 | 79 | 0 | 80 | 0 | 81 | 0 |
| 24½ | 79 | 2 | 80 | 2 | 81 | 2 | 82 | 2 |
| 25 | 81 | 1 | 82 | 1 | 83 | 1 | 84 | 1 |

| Feet Long | *Inches broad.* 41 | | 41½ | | 42 | |
|---|---|---|---|---|---|---|
| | F. | Q. | F. | Q. | F. | Q. |
| 1 | 3 | 1 | 3 | 1 | 3 | 2 |
| 1½ | 5 | 0 | 5 | 0 | 5 | 1 |
| 2 | 6 | 3 | 6 | 3 | 7 | 0 |
| 2½ | 8 | 2 | 8 | 2 | 8 | 3 |
| 3 | 10 | 1 | 10 | 1 | 10 | 2 |
| 3½ | 11 | 3 | 12 | 0 | 12 | 1 |
| 4 | 13 | 2 | 13 | 3 | 14 | 0 |
| 4½ | 15 | 1 | 15 | 2 | 15 | 3 |
| 5 | 17 | 0 | 17 | 1 | 17 | 2 |
| 5½ | 18 | 3 | 19 | 0 | 19 | 1 |
| 6 | 20 | 2 | 20 | 3 | 21 | 0 |
| 6½ | 22 | 0 | 22 | 1 | 22 | 3 |
| 7 | 23 | 3 | 24 | 0 | 24 | 2 |
| 7½ | 25 | 2 | 25 | 3 | 26 | 1 |
| 8 | 27 | 1 | 27 | 2 | 28 | 0 |
| 8½ | 29 | 0 | 29 | 1 | 29 | 3 |
| 9 | 30 | 3 | 31 | 0 | 31 | 2 |
| 9½ | 32 | 1 | 32 | 3 | 33 | 1 |
| 10 | 34 | 0 | 34 | 2 | 35 | 0 |
| 10½ | 35 | 3 | 36 | 1 | 36 | 3 |
| 11 | 37 | 2 | 38 | 0 | 38 | 2 |
| 11½ | 39 | 1 | 39 | 3 | 40 | 1 |
| 12 | 41 | 0 | 41 | 2 | 42 | 0 |
| 12½ | 42 | 2 | 43 | 0 | 43 | 3 |
| 13 | 44 | 1 | 44 | 3 | 45 | 2 |
| 13½ | 46 | 0 | 46 | 2 | 47 | 1 |
| 14 | 47 | 3 | 48 | 1 | 49 | 0 |
| 14½ | 49 | 2 | 50 | 0 | 50 | 3 |
| 15 | 51 | 1 | 51 | 3 | 52 | 2 |
| 15½ | 52 | 3 | 53 | 2 | 54 | 1 |
| 16 | 54 | 2 | 55 | 1 | 56 | 0 |
| 16½ | 56 | 1 | 57 | 0 | 57 | 3 |
| 17 | 58 | 0 | 58 | 3 | 59 | 2 |
| 17½ | 59 | 3 | 60 | 2 | 61 | 1 |
| 18 | 61 | 2 | 62 | 1 | 63 | 0 |
| 18½ | 63 | 0 | 63 | 3 | 64 | 3 |
| 19 | 64 | 3 | 65 | 2 | 66 | 2 |
| 19½ | 66 | 2 | 67 | 1 | 68 | 1 |
| 20 | 68 | 1 | 69 | 0 | 70 | 0 |
| 20½ | 70 | 0 | 70 | 3 | 71 | 3 |
| 21 | 71 | 3 | 72 | 2 | 73 | 2 |
| 21½ | 73 | 1 | 74 | 1 | 75 | 1 |
| 22 | 75 | 0 | 76 | 0 | 77 | 0 |
| 22½ | 76 | 3 | 77 | 3 | 78 | 3 |
| 23 | 78 | 2 | 79 | 2 | 80 | 2 |
| 23½ | 80 | 1 | 81 | 1 | 82 | 1 |
| 24 | 82 | 0 | 83 | 0 | 84 | 0 |
| 24½ | 83 | 2 | 84 | 2 | 85 | 3 |
| 25 | 85 | 1 | 86 | 1 | 87 | 2 |

# OF SCANTLING.

| Squares. Inches. | To a Tun solid. Running Feet. | To a Foot solid. Running Feet. |
|---|---|---|
| 2 | 1440 | 36 |
| 2 and 3 | 960 | 24 |
| 2 and 4 | 720 | 18 |
| 3 | 640 | 16 |
| 3 and 4 | 480 | 12 |
| 4 | 360 | 9 |
| 4 and 5 | 288 | 7 2-10ths |
| 5 | 230 4-10ths. | 5 76 Parts of 100. |
| 5 and 6 | 192 | 4 8-10ths. |
| 6 | 160 | 4 |

A Table of superficial Feet of different Thickness contained in a Foot and Tun solid, the Tun being 40 Feet solid.

| To a foot solid. | To a Tun solid. | Of what Thickness. |
|---|---|---|
| 48 | 1920 | $\frac{1}{4}$ of an Inch. |
| 24 | 960 | $\frac{1}{2}$ Inch. |
| 16 | 640 | $\frac{3}{4}$ Inch. |
| 12 | 480 | Inch. |
| 9 6-10ths. | 384 | Inch and $\frac{1}{4}$ |
| 8 | 320 | Inch and $\frac{1}{2}$ |
| 6 | 240 | 2 Inch. |
| 4 8-10ths. | 192 | 2 $\frac{1}{2}$ Inch. |
| 4 | 160 | 3 Inch. |
| 3 428 Parts of 1000. | 137 1-7th. | 3 $\frac{1}{2}$ Inch. |
| 3 | 120 | 4 Inch. |
| 2 4-10ths. | 96 | 5 Inch. |
| 2 | 80 | 6 Inch. |
| 1 7-10ths. | 68 4-7ths. | 7 Inch. |
| 1 5-10ths. | 60 | 8 Inch. |
| 1 1-3d. | 53 1-3d. | 9 Inch. |
| 1 1-5th. | 48 | 10 Inch. |
| 1 1-11th. | 43 7-11ths. | 11 Inch. |
| 1 | 40 | 12 Inch. |

# VALUE.

Per superficial Foot, from 6 Inches to Inch and Half thick, governed by the Prices per solid Tun of 40 Feet, from *5l.* down to *1l. 15s.*

| *Price per* Tun. | 6 *Inches* | 5 *Inches* | 4 *Inches* | 3½ *Inch.* | 3 *Inches* | 2½ *Inch.* | 2 *Inch* | 1½ *Inch.* |
|---|---|---|---|---|---|---|---|---|
| *l.* *s.* | *d.* | *d.* | *d.* | *d.* | *d.* | *d.* | *d.* | *d.* |
| 5 0 | 15 — | 12½ | 10 — | 8¾— | 7½ | 6¼ | 5 | 3¾ |
| 4 15 | 14¼— | 11¾*hf* | 9½— | 8¼— | 7 *hf* | 5¾*hf* | 4¾ | 3½ |
| 4 10 | 13½— | 10¼ | 9 — | 7¾*hf* | 6¾ | 5 *hf* | 4½ | 3¼*hf* |
| 4 5 | 12¾— | 10 *hf* | 8½— | 7¼*hf* | 6¼*hf* | 5 | 4¼ | 3 *hf* |
| 4 0 | 12 — | 10 | 8 — | 7 — | 6 | 5 | 4 | 3 |
| 3 15 | 11¼— | 9¼*hf* | 7½— | 6½— | 5½*hf* | 4½*hf* | 3¾ | 2¾ |
| 3 10 | 10½— | 8½ | 7 — | 6 *hf* | 5¼ | 4¼ | 3½ | 2½*hf* |
| 3 5 | 9¾— | 8 *hf* | 6½— | 5½*hf* | 4½*hf* | 4 | 3¼ | 2¼*hf* |
| 3 0 | 9 — | 7½— | 6 — | 5¼— | 4½ | 3¾ | 3 | 2¼ |
| 2 15 | 8¼— | 6¾— | 5 *hf* | 4¼— | 4 *hf* | 3¼*hf* | 2½ | 2 |
| 2 10 | 7½— | 6¼— | 5 — | 4¼*hf* | 3¾ | 3 *hf* | 2½ | 1¾*hf* |
| 2 5 | 6¾— | 5 *hf* | 4½— | 3¾*hf* | 3¼*hf* | 2½ | 2¼ | 1½*hf* |
| 2 0 | 6 — | 5 — | 4 — | 3½— | 3 | 2½ | 2 | 1½ |
| 1 15 | 5¼— | 4¼ | 3½— | 3 — | 2½*hf* | 2 *hf* | 1¾ | 1¼ |

*Explanation.*—To find the value, per superficial foot, seek for the price per Tun solid, in the left hand column, over against which, and under the *Thickness,* you will find the price per superficial foot.

It is to be observed, that where there should happen any fractional parts under *half a farthing* per superficial foot (in this table)—they are excluded, being thought insignificant.

*hf* stands for half a farthing.

## A Mode of ascertaining the Standard Count of any Cess of Plank of different Length, Breadth, and Thickness, practically needful, and agreeable to the Standard of 12 Feet long, 11 Inches broad, and Inch and a half thick each Plank.

---

It is required to know how many planks, (Standard measure) there must be for 60 planks, each 16 feet Long, 11 Inches broad, and 3 Inches thick.

OPERATION.

1 plank 16 Feet long, and 11 Inches broad, is 14 feet 8 inches.
multiplyed by the ½ inches thick, — 6

product 88
multiplyed by the number of planks, 60

divided by 33)5280(160
33

198
198

0

The answer is 160 planks, Standard Count.

*Rule.*—Reduce the given Number of planks into superficial half-inch Feet, which Product divided by 33, will give the Standard Count.

| Planks. | Thick. | Feet lg | In. bd. | Answer in planks. | Standard Count. |
|---|---|---|---|---|---|
| 32 | 1½ inch | 15 | 11 | - - - - - 40 | |
| | | | | By the same Rule | |
| 72 | 2 inchs | 14 | 11 | - - - - - 112 | |
| 66 | 2½ inch | 16 | 10½ | - - - - - 140 | |

And so of any other.

# A TABLE

## Showing the Value of broken Quantities under 100, from 8s. down to 2. 6d. per 100.

| Quantities. | PRICES PER HUNDRED FEET. | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | 8s. 0d. | | 7s. 6d. | | 7s. 0d. | | 6s. 6d. | | 6s. 0d. | | 5s. 6d. | | 5s. 0d. | | 4s. 6d. | | 4s. 0d. | | 3s. 6d. | | 3s. 0d. | | 2s. 6d. | |
| | s. | d. | s. | d. | s. | d. | s. | d. | s. | d. | s. | d. | s. | d. | s. | d. | s. | d. | s. | d. | s. | d. | s. | d. |
| 90 | 7 | 2½ | 6 | 9 | 6 | 3½ | 5 | 10 | 5 | 4¾ | 4 | 11¼ | 4 | 6 | 4 | 0½ | 3 | 7 | 3 | 1¾ | 2 | 8¼ | 2 | 3 |
| 80 | 6 | 4¾ | 6 | 0 | 5 | 7 | 5 | 2¼ | 4 | 9½ | 4 | 4¾ | 4 | 0 | 3 | 7 | 3 | 2¼ | 2 | 9½ | 2 | 4¾ | 2 | 0 |
| 70 | 5 | 7 | 5 | 3 | 4 | 10¾ | 4 | 6½ | 4 | 2¼ | 3 | 10 | 3 | 6 | 3 | 1¾ | 2 | 9½ | 2 | 5¼ | 2 | 1 | 1 | 9 |
| 60 | 4 | 9½ | 4 | 6 | 4 | 2¼ | 3 | 10¾ | 3 | 7 | 3 | 3½ | 3 | 0 | 2 | 8¼ | 2 | 4¾ | 2 | 1 | 1 | 9½ | 1 | 6 |
| 50 | 4 | 0 | 3 | 9 | 3 | 6 | 3 | 3 | 3 | 0 | 2 | 9 | 2 | 6 | 2 | 3 | 2 | 0 | 1 | 9 | 1 | 6 | 1 | 3 |
| 40 | 3 | 2½ | 3 | 0 | 2 | 9½ | 2 | 7 | 2 | 4¾ | 2 | 2¼ | 2 | 0 | 1 | 9½ | 1 | 7 | 1 | 4¾ | 1 | 2¼ | 1 | 0 |
| 30 | 2 | 4¾ | 2 | 3 | 2 | 1 | 1 | 11¼ | 1 | 9½ | 1 | 8 | 1 | 6 | 1 | 4 | 1 | 2¼ | 1 | 0¾ | 0 | 10¾ | 0 | 9 |
| 20 | 1 | 7¼ | 1 | 6 | 1 | 4¾ | 1 | 3½ | 1 | 2¼ | 1 | 1 | 1 | 0 | 0 | 10¾ | 0 | 9½ | 0 | 8¼ | 0 | 7 | 0 | 6 |
| 10 | 0 | 9½ | 0 | 9 | 0 | 8¼ | 0 | 7¾ | 0 | 7 | 0 | 6½ | 0 | 6 | 0 | 5¼ | 0 | 4¾ | 0 | 4½ | 0 | 3½ | 0 | 3 |
| 9 | 0 | 8½ | 0 | 8 | 0 | 7½ | 0 | 7 | 0 | 6¼ | 0 | 5½ | 0 | 5¼ | 0 | 4¾ | 0 | 4¼ | 0 | 4 | 0 | 3 | 0 | 2½ |
| 8 | 0 | 7½ | 0 | 7 | 0 | 6½ | 0 | 6 | 0 | 5¾ | 0 | 5¼ | 0 | 4¾ | 0 | 4¼ | 0 | 3¾ | 0 | 3¾ | 0 | 2¾ | 0 | 2¼ |
| 7 | 0 | 9½ | 0 | 6¼ | 0 | 5¾ | 0 | 5¼ | 0 | 5 | 0 | 4½ | 0 | 4 | 0 | 3¾ | 0 | 3¼ | 0 | 3¼ | 0 | 2½ | 0 | 2 |
| 6 | 0 | 5¾ | 0 | 5¼ | 0 | 5 | 0 | 4½ | 0 | 4¼ | 0 | 3¾ | 0 | 3½ | 0 | 3¼ | 0 | 2¾ | 0 | 2¾ | 0 | 2 | 0 | 1¾ |
| 5 | 0 | 4¾ | 0 | 4¼ | 0 | 4 | 0 | 3¾ | 0 | 3½ | 0 | 3¼ | 0 | 3 | 0 | 2½ | 0 | 2¼ | 0 | 2 | 0 | 1¾ | 0 | 1½ |
| 4 | 0 | 8¾ | 0 | 3½ | 0 | 3¼ | 0 | 3 | 0 | 2¾ | 0 | 2½ | 0 | 2¼ | 0 | 2 | 0 | 1¾ | 0 | 1½ | 0 | 1¼ | 0 | 1 |
| 3 | 0 | 2¾ | 0 | 2½ | 0 | 2½ | 0 | 2½ | 0 | 2 | 0 | 1¾ | 0 | 1¾ | 0 | 1½ | 0 | 1¾ | 0 | 1¼ | 0 | 1 | 0 | 0¾ |
| 2 | 0 | 1¾ | 0 | 1¾ | 0 | 1 | 0 | 1½ | 0 | 1½ | 0 | 1¼ | 0 | 1 | 0 | 1 | 0 | 0¾ | 0 | 0¾ | 0 | 0½ | 0 | 0½ |
| 1 | 0 | 0¾ | 0 | 0¾ | 0 | 0¾ | 0 | 0¾ | 0 | 0¾ | 0 | 0½ | 0 | 0½ | 0 | 0½ | 0 | 0¼ | 0 | 0¼ | 0 | 0¼ | 0 | 0¼ |

EXPLANATION.—Suppose 93 feet of sawing, at 7s. per 100—opposite 90 you will find 6s. 3½d. and opposite 3, 2½d. making 6s. 6d. and so of any other, by adding the value of the units to that of the tens.

# TABLES,

SHEWING THE

*VALUE (PER RUNNING FOOT)*

OF

# SCANTLING,

AT THE FOLLOWING PRICES: viz.

1*s.* 6*d.*—2*s.*—2*s.* 3*d.*—2*s.* 6*d.*—and 3*s.*
Per Foot Solid.

## FROM 2 INCHES TO 8½ INCHES

N. B.—All Scantling, more than 8½ Inches, to be charged by the Cube or Foot solid.

☞ In finding the Price of Scantling, have recourse to the different Squares mentioned under the Prices of the Cube Foot, and you will find over against the Squares in Inches, &c. set down in the first Column on the Left-Hand, the Prices of the different Scantlings *per* Running Foot, in Pence and Farthings, agreeable to the prices *per* Cube Foot mentioned at the Top of the Page.

| *per Cube F.* | s. d. | s. d. | s. d. | s. d. | s. d. |
|---|---|---|---|---|---|
| | 1 6 | 2 0 | 2 3 | 2 6 | 3 0 |

| *Sqrs.* | *2 Inches by* | | | | |
|---|---|---|---|---|---|
| | *d.* | *d.* | *d.* | *d.* | *d.* |
| 2 | ½ | ½ | ½ | ¾ | 1 |
| 2½ | ½ | ¾ | ¾ | 1 | 1¼ |
| 3 | ¾ | 1 | 1 | 1 | 1½ |
| 3½ | ¾ | 1 | 1 | 1¼ | 1¾ |
| 4 | 1 | 1¼ | 1¼ | 1½ | 2 |
| 4½ | 1 | 1½ | 1½ | 1¾ | 2¼ |
| 5 | 1¼ | 1½ | 1¾ | 2 | 2½ |
| 5½ | 1¼ | 1¾ | 2 | 2¼ | 2¾ |
| 6 | 1½ | 2 | 2¼ | 2½ | 3 |
| 6½ | 1½ | 2 | 2¼ | 2¾ | 3¼ |
| 7 | 1¾ | 2½ | 2½ | 3 | 3½ |
| 7½ | 1½ | 2½ | 2¾ | 3 | 3¾ |
| 8 | 2 | 2½ | 2¾ | 3¼ | 4 |
| 8½ | 2 | 2¾ | 3 | 3½ | 4½ |
| 9 | 2¼ | 3 | 3¼ | 3¾ | 4½ |
| 9½ | 2¼ | 3 | 3½ | 3¾ | 4¾ |
| 10 | 2½ | 3¼ | 3½ | 4 | 5 |
| 10½ | 2½ | 3½ | 3¾ | 4¼ | 5½ |
| 11 | 2¾ | 4¼ | 4 | 4½ | 5½ |
| 11½ | 2¾ | 4¾ | 4¼ | 4¾ | 5¾ |
| 12 | 3 | 4 | 4½ | 5 | 6 |

| *Sqrs.* | *2½ Inches by* | | | | |
|---|---|---|---|---|---|
| | *d.* | *d.* | *d.* | *d.* | *d.* |
| 2½ | ¾ | 1 | 1 | 1¼ | 1½ |
| 3 | ¾ | 1¼ | 1¼ | 1½ | 1¾ |
| 3½ | 1 | 1¼ | 1½ | 1½ | 2 |
| 4 | 1¼ | 1½ | 1¾ | 2 | 2½ |
| 4½ | 1¼ | 1¾ | 1¾ | 2 | 2¾ |
| 5 | 1½ | 2 | 2¼ | 2½ | 3 |
| 5½ | 1½ | 2¼ | 2¼ | 2½ | 3¼ |
| 6 | 1½ | 2½ | 2½ | 3 | 3¾ |
| 6½ | 2 | 2½ | 2¾ | 3 | 4 |
| 7 | 2 | 2¾ | 3 | 3¼ | 4¼ |
| 7½ | 2¼ | 3 | 3¼ | 3¾ | 4½ |
| 8 | 2½ | 3¼ | 3½ | 4 | 5 |
| 8½ | 2½ | 3½ | 3¾ | 4 | 5¼ |
| 9 | 2¾ | 3¾ | 4 | 4¼ | 5¾ |
| 9½ | 2¾ | 3¾ | 4¼ | 4½ | 5¾ |
| 10 | 3 | 4 | 4½ | 5 | 6¼ |
| 10½ | 3¼ | 4¼ | 4¾ | 5 | 6½ |
| 11 | 3¼ | 4½ | 5 | 5¼ | 6¾ |
| 11½ | 3½ | 4¾ | 5¼ | 5¾ | 7 |
| 12 | 3¾ | 5 | 5½ | 6¼ | 7½ |

| *per Cube F.* | s. d. | s. d. | s. d. | s. d. | s. d. |
|---|---|---|---|---|---|
| | 1 6 | 2 0 | 2 3 | 2 6 | 3 0 |

| *Sqrs.* | *3 inches by* | | | | |
|---|---|---|---|---|---|
| | *d.* | *d.* | *d.* | *d.* | *d.* |
| 3 | 1 | 1½ | 1½ | 1¾ | 2¼ |
| 3½ | 1¼ | 1¾ | 2 | 2 | 2½ |
| 4 | 1½ | 2 | 2¼ | 2½ | 3 |
| 4½ | 1½ | 2¼ | 2½ | 2¾ | 3¼ |
| 5 | 1¾ | 2½ | 2¾ | 3 | 3¾ |
| 5½ | 2 | 2¾ | 3 | 3¼ | 4 |
| 6 | 2¼ | 3 | 3¼ | 3¾ | 4½ |
| 6½ | 2½ | 3 | 3¼ | 3½ | 4 |
| 7 | 2½ | 3½ | 3¾ | 4¼ | 5¼ |
| 7½ | 2¾ | 3¾ | 4 | 4½ | 5½ |
| 8 | 3 | 4 | 4½ | 5 | 6 |
| 8½ | 3 | 4½ | 4¾ | 5¼ | 6¼ |
| 9 | 3¼ | 4½ | 5 | 5½ | 6¾ |
| 9½ | 3½ | 4¾ | 5¼ | 5¾ | 7 |
| 10 | 3¾ | 5 | 5½ | 6¼ | 7½ |
| 10½ | 3¾ | 5¼ | 5¾ | 6½ | 7¾ |
| 11 | 4 | 5½ | 6 | 6¾ | 8¼ |
| 11½ | 4¼ | 5¾ | 6¼ | 7 | 8½ |
| 12 | 4½ | 6 | 6¾ | 7½ | 9 |

| *Sqrs.* | *3½ Inches by* | | | | |
|---|---|---|---|---|---|
| | *d.* | *d.* | *d.* | *d.* | *d.* |
| 3½ | 1½ | 2 | 2¼ | 2½ | 3 |
| 4 | 1¾ | 2¼ | 2½ | 2¾ | 3½ |
| 4½ | 1¾ | 2½ | 2¾ | 3 | 3¾ |
| 5 | 2 | 2¾ | 3 | 3½ | 4¼ |
| 5½ | 2¼ | 3¼ | 3½ | 4 | 4¾ |
| 6 | 2½ | 3½ | 3¾ | 4¼ | 5¼ |
| 6½ | 2¾ | 3¾ | 4 | 4½ | 5½ |
| 7 | 3 | 4 | 4½ | 5 | 6 |
| 7½ | 3¼ | 4¼ | 4¾ | 5½ | 6½ |
| 8 | 3½ | 4½ | 5 | 5¾ | 7 |
| 8½ | 3½ | 4¾ | 5¼ | 6 | 7¼ |
| 9 | 3¾ | 5¼ | 5¾ | 6¼ | 7¾ |
| 9½ | 4 | 5½ | 6 | 6¾ | 8¼ |
| 10 | 4¼ | 5¾ | 6½ | 7¼ | 8¾ |
| 10½ | 4½ | 6 | 6¾ | 7½ | 9 |
| 11 | 4¾ | 6¼ | 7 | 7¾ | 9½ |
| 11½ | 5 | 6½ | 7¼ | 8½ | 10 |
| 12 | 5¼ | 7 | 7¾ | 8¾ | 10½ |

| per Cube F. | s. d. 1 6 | s. d. 2 0 | s. d. 2 3 | s. d. 2 6 | s. d. 3 0 |
|---|---|---|---|---|---|
| Sqrs. | 4 Inches by | | | | |
| | d. | d. | d. | d. | d. |
| 4 | 2 | 2½ | 3 | 3¼ | 4 |
| 4½ | 2¼ | 3 | 3¼ | 3¾ | 4½ |
| 5 | 2½ | 3¼ | 3½ | 4 | 5 |
| 5½ | 2¾ | 3½ | 4 | 4½ | 5½ |
| 6 | 3 | 4 | 4½ | 5 | 6 |
| 6½ | 3¼ | 4¼ | 4¾ | 5¼ | 6½ |
| 7 | 3½ | 4½ | 5 | 5¾ | 7 |
| 7½ | 3¾ | 5 | 5½ | 6¼ | 7½ |
| 8 | 4 | 5½ | 5¾ | 6½ | 8 |
| 8½ | 4¼ | 5½ | 6¼ | 7 | 8½ |
| 9 | 4½ | 6 | 6½ | 7¼ | 9 |
| 9½ | 4¾ | 6¼ | 7 | 7¾ | 9½ |
| 10 | 5 | 6½ | 7¼ | 8 | 10 |
| 10½ | 5¼ | 7 | 7¾ | 8½ | 10½ |
| 11 | 5½ | 7¼ | 8¼ | 9 | 11 |
| 11½ | 5¾ | 7½ | 8½ | 9½ | 11½ |
| 12 | 6 | 8 | 9 | 10 | 12 |

| Sqrs. | 4½ Inches by | | | | |
|---|---|---|---|---|---|
| | d. | d. | d. | d. | d. |
| 4½ | 2½ | 3¼ | 3¾ | 4¼ | 5 |
| 5 | 2¾ | 3¾ | 4 | 4½ | 5½ |
| 5½ | 3 | 4 | 4½ | 5 | 6 |
| 6 | 3¼ | 4¼ | 5 | 5½ | 6¾ |
| 6½ | 3½ | 4¾ | 5¼ | 6 | 7¼ |
| 7 | 3¾ | 5¼ | 5¾ | 6¼ | 7½ |
| 7½ | 4 | 5½ | 6 | 6¾ | 8¼ |
| 8 | 4½ | 6 | 6½ | 7¼ | 9 |
| 8½ | 4¾ | 6¼ | 7 | 7¾ | 9½ |
| 9 | 5 | 6¾ | 7½ | 8¼ | 10 |
| 9½ | 5¼ | 7 | 7¾ | 8½ | 10½ |
| 10 | 5½ | 7½ | 8¼ | 9 | 11½ |
| 10½ | 5¾ | 7¼ | 8½ | 9½ | 11¼ |
| 11 | 6 | 8¼ | 9 | 9¾ | 12¼ |
| 11½ | 6¼ | 8½ | 9¼ | 10¼ | 12¾ |
| 12 | 6¾ | 9 | 10 | 11 | 13½ |

| per Cube F. | s. d. 1 6 | s. d. 2 0 | s. d. 2 3 | s. d. 2 6 | s. d. 3 0 |
|---|---|---|---|---|---|
| Sqrs. | 5 Inches by | | | | |
| | d. | d. | d. | d. | d |
| 5 | 3 | 4 | 4½ | 5 | 6¼ |
| 5½ | 3¼ | 4½ | 5 | 5½ | 6¾ |
| 6 | 3¾ | 5 | 5½ | 6¼ | 7½ |
| 6½ | 4 | 5¼ | 6 | 6½ | 8 |
| 7 | 4¼ | 5¾ | 6½ | 7¼ | 8¾ |
| 7½ | 4½ | 6¼ | 6¾ | 7½ | 9¼ |
| 8 | 5 | 6½ | 7¼ | 8 | 10 |
| 8½ | 5¼ | 7 | 7¾ | 8½ | 10½ |
| 9 | 5½ | 7½ | 8¼ | 9¼ | 11¼ |
| 9½ | 5¾ | 7¾ | 8¾ | 9½ | 11¾ |
| 10 | 6¼ | 8¼ | 9¼ | 10¼ | 12½ |
| 10½ | 6½ | 8¾ | 9½ | 10½ | 13 |
| 11 | 6¾ | 9 | 10 | 11 | 13¾ |
| 11½ | 7 | 9½ | 10½ | 11½ | 14¼ |
| 12 | 7½ | 10 | 11 | 12½ | 15 |

| Sqrs. | 5½ Inches by | | | | |
|---|---|---|---|---|---|
| | d. | d. | d. | d. | d. |
| 5½ | 3¾ | 5 | 5½ | 6¼ | 7½ |
| 6 | 4 | 5½ | 6 | 6¾ | 8¼ |
| 6½ | 4½ | 5¾ | 6½ | 7¼ | 8¾ |
| 7 | 4¾ | 6¼ | 7 | 7¾ | 9½ |
| 7½ | 5 | 6¾ | 7½ | 8¼ | 10¼ |
| 8 | 5½ | 7¼ | 8 | 9 | 11 |
| 8½ | 5¾ | 7¾ | 8½ | 9¼ | 11½ |
| 9 | 6 | 8¼ | 9 | 10 | 12¼ |
| 9½ | 6½ | 8½ | 9½ | 10½ | 13 |
| 10 | 6¾ | 9 | 10 | 11¼ | 13¾ |
| 10½ | 7 | 9½ | 10½ | 11½ | 14¼ |
| 11 | 7½ | 10 | 11 | 12 | 15 |
| 11½ | 7¾ | 10½ | 11½ | 12¾ | 15¾ |
| 12 | 8¼ | 11 | 12¼ | 13¾ | 16½ |

| per Cube F. | s. d. | s. d. | s. d. | s. d. | s. d. |
|---|---|---|---|---|---|
| | 1 6 | 2 0 | 2 3 | 2 6 | 3 0 |

| Sqrs. | 6 Inches by | | | | |
|---|---|---|---|---|---|
| | d. | d. | d. | d. | d. |
| 6 | 4½ | 6 | 6¾ | 7½ | 9 |
| 6½ | 4¾ | 6½ | 7¼ | 8 | 9¾ |
| 7 | 5¼ | 7 | 7¾ | 8½ | 10½ |
| 7½ | 5½ | 7½ | 8¼ | 9 | 11¼ |
| 8 | 6 | 8 | 9 | 10 | 12 |
| 8½ | 6¼ | 8½ | 9½ | 10½ | 12¾ |
| 9 | 6¾ | 9 | 10 | 11¼ | 13½ |
| 9½ | 7 | 9½ | 10½ | 11¾ | 14¼ |
| 10 | 7½ | 10 | 11¼ | 12½ | 15 |
| 10½ | 7¾ | 10½ | 11¾ | 13 | 15¾ |
| 11 | 8¼ | 11 | 12¼ | 13¾ | 16½ |
| 11½ | 8½ | 11½ | 12¾ | 14 | 17¼ |
| 12 | 9 | 12 | 13½ | 15 | 18 |

| Sqrs. | 6½ Inches by | | | | |
|---|---|---|---|---|---|
| | d. | d. | d. | d. | d. |
| 6½ | 5¼ | 7 | 7¾ | 8¾ | 10½ |
| 7 | 5½ | 7½ | 8¼ | 9¼ | 11¼ |
| 7½ | 6 | 8 | 9 | 10 | 12 |
| 8 | 6½ | 8½ | 9¾ | 10¾ | 13 |
| 8½ | 6¾ | 9 | 10¼ | 11¼ | 13¾ |
| 9 | 7¼ | 9¾ | 10¾ | 12 | 14½ |
| 9½ | 7½ | 10¼ | 11½ | 12¾ | 15¼ |
| 10 | 8 | 10¾ | 12 | 13¼ | 16¼ |
| 10½ | 8½ | 11¼ | 12½ | 13¾ | 17 |
| 11 | 8¾ | 11¾ | 13 | 14¼ | 17¾ |
| 11½ | 9¼ | 12¼ | 13½ | 15 | 18½ |
| 12 | 9¾ | 13 | 14½ | 16¼ | 19½ |

| Sqrs | 8 Inches by | | | | |
|---|---|---|---|---|---|
| | d. | d. | d. | d. | d. |
| 8 | 8 | 10½ | 12 | 13¼ | 16 |
| 8½ | 8½ | 11¼ | 12½ | 14 | 17 |
| 9 | 9 | 12 | 13½ | 15 | 18 |
| 9½ | 9½ | 12½ | 14 | 15¾ | 19 |
| 10 | 10 | 13¼ | 14¾ | 16½ | 20 |
| 10½ | 10½ | 14 | 15¾ | 17½ | 21 |
| 11 | 11 | 14½ | 16½ | 18¼ | 22 |
| 11½ | 11½ | 15¼ | 17 | 19 | 23 |
| 12 | 12 | 16 | 18 | 20 | 24 |

| per Cube F. | s. d. | s. d. | s. d. | s. d. | s. d. |
|---|---|---|---|---|---|
| | 1 6 | 2 0 | 2 3 | 2 6 | 3 0 |

| Sqrs. | 7 Inches by | | | | |
|---|---|---|---|---|---|
| | d. | d. | d. | d. | d. |
| 7 | 6 | 8 | 9 | 10 | 12¼ |
| 7½ | 6½ | 8¾ | 9¼ | 10¾ | 13 |
| 8 | 7 | 9¼ | 10¼ | 11½ | 14 |
| 8½ | 7¼ | 9¾ | 10¾ | 12 | 14¾ |
| 9 | 7¾ | 10½ | 11¾ | 13 | 15¾ |
| 9½ | 8¼ | 11 | 12¾ | 13¾ | 16½ |
| 10 | 8¾ | 11½ | 13 | 14½ | 17½ |
| 10½ | 9 | 12¼ | 13¾ | 15¼ | 18¼ |
| 11 | 9½ | 12¾ | 14¼ | 16 | 19¼ |
| 11½ | 10 | 13¼ | 15 | 16¾ | 20 |
| 12 | 10½ | 14 | 15¾ | 17½ | 21 |

| Sqrs. | 7½ Inches by | | | | |
|---|---|---|---|---|---|
| | d. | d. | d. | d. | d. |
| 7½ | 7 | 9¼ | 10½ | 11¾ | 14 |
| 8 | 7½ | 10 | 11¼ | 12½ | 15 |
| 8½ | 7¾ | 10½ | 11¾ | 13 | 15¾ |
| 9 | 8¼ | 11¼ | 12½ | 14 | 16¾ |
| 9½ | 8¾ | 11¾ | 13¼ | 14¾ | 17¾ |
| 10 | 9¼ | 12½ | 14 | 15½ | 18¾ |
| 10½ | 9¾ | 13 | 14¾ | 16¼ | 19½ |
| 11 | 10¼ | 13¾ | 15¼ | 17 | 20½ |
| 11½ | 10¾ | 14¼ | 16 | 17¾ | 21½ |
| 12 | 11¼ | 15 | 16¾ | 18¾ | 22½ |

| Sqrs. | 8½ Inches by | | | | |
|---|---|---|---|---|---|
| | d. | d. | d. | d. | d. |
| 8½ | 9 | 12 | 13½ | 15 | 18 |
| 9 | 9½ | 12¾ | 14¼ | 15¾ | 19 |
| 9½ | 10 | 13¼ | 15 | 16½ | 20 |
| 10 | 10½ | 14 | 15¾ | 17½ | 21¼ |
| 10½ | 11 | 14¾ | 16½ | 18½ | 22¼ |
| 11 | 11½ | 15¼ | 17¼ | 19¼ | 23¼ |
| 11½ | 12 | 16¼ | 18¼ | 20¼ | 24¼ |
| 12 | 12½ | 17 | 19 | 21¼ | 25½ |

# TIMBER

# MEASURING.

# TIMBER MEASURING.

THE many Difficulties which often arise between Buyer and Seller occasion the following observations, viz.

1st. Bark of any Kind should be allowed for, not being Timber.

2d. Allowance should be made for rotten Knots, Cup and Starshakes, Piepeks, Dozes, Ingalls, Worm Holes, Hollows, Welts, Fork'd and Stubshud Ends, Speckles and Ringstreaks;—but for freight, or the like, measure to the full.

3d. In measuring Mahogany Logs, take Care to allow for the Sap of the Wanes, and where they are of a large Size, considerations should be made for the Kerf of the Saw.——Nothing under ½ an Inch is measured in the Thickness.

4th. In girthing Timber fresh off the Water, draw the line tight on the Piece, and lay it slack on the Rule.

5th. Nothing under 6 Inches Girth should be measured unless by Agreement.

6th. Flat Dantzick Logs resembling Flitches should not be girthed, as the Buyer would not in that Case have Value for his Money;—But the best way would be to form the Dimensions by Breadth and Depth.

7th. In measuring Knees for Ship-Building, take the Dimensions of each Arm Separate.

8th. In all Kinds of Timber a reasonable Allowance should be made for the Sap.

9th In girthing Timber, many will insist upon the Centre of the Piece to be the right Place; so it may, if it be regular in its form; but if there be a Swell or Bulge in that Spot, the Measurer has Liberty to incline nearer to the But, or divide the Girths, by taking it in two or more Places, which has been the Practice for many Years, and where Timber is not quite equal in its Sides, Allowance should be given in the Girth, to make it a regular Quadrangle.

10th. Measuring with Calapers is erronious, unless the piece be equally Square in its Sides.

## INSTRUCTIONS.

| | | |
|---|---|---|
| 1728 Cubical Inches, | make | One Cubical Foot. |
| 144 Square Inches, | | One Square Foot. |
| 50 Feet solid round Timber, | | One Tun. |
| 40 Feet solid square Timber, | | One Tun. |
| 1 Cubical Yard, | | 27 Cubical Feet. |

## Solid (round or square) Timber, where it is regular in its Form.

Admit a piece 20½ feet long, by 10¼ inches square, (which is ¼ of the line containnd round the same) required the solid contents in feet.

### OPERATION.

RULE.

Multiply the square by the square in inches, &c. and that product by the length in feet, &c. which last product divided by 144 gives the solid feet required.—Divide the remainder by 12, for inches

Take care to point off your decimal parts.

Note 25 is the decimal of ¼.

50 is the decimal of ½.

And 75 the decimal of ¾ of any thing.

In.Pts.
10.25 } Square.
10.25 }

51.25
205.0
10250

10506.25
20.5 length.

5253 12 5
210125 00

144)2153(78.12.5)14 feet
144

713
576

12)137(11 inches.
132

5 twelfths.

Or 14 feet ¾ solid, and so of any other.

## In Superficial Measure.

Multiply the length in feet by the breadth in inches, which product divide by 12, and you will have the superficial (or square) feet required; the remainder is inches.

EXAMPLE. A plank or board 24½ feet long, by 13 inches broad, required the superficial feet.

OPERATION.

OPERATION.

24½ Feet long.
13 inches broad.

72
246½

12)318½

Feet 26 6½ inches superficial, and so of any other.

## Unequal-sided Timber.

A piece of Timber 26½ feet long, 18½ inches broad, and 14½ inches thick, how many solid feet?

OPERATION decimally.

RULE.

Multiply breath and thickness together in inches and half inches, and that product by the length in feet, which when done, divide by 144, cutting off so many decimal figures as there are in the operation, and the content will appear in solid feet; the remainder divided by 12, gives inches &c.

In.Pts.
18.5 broad.
14.5 thick.

92.5
740
185

2682.5
26.5 length.

13412.5
160950
53650

Ft. In. 12ths.
144(7108.625)49 4 4 solid.
576

1348
1296

12 | 52 |
Inch. 4 4 12ths, or 49¼ feet solid.

Triangular

## Triangular Timber.

A piece of Timber whose sides are triangular, viz. the base 26 inches, perpendicular 17½ inches, and the length 12 feet, how many solid feet contained?

### OPERATION.

RULE.
Multiply base by perpendicular in inches, and one half the product by the length in feet, which when done, divide by 144, gives the number of solid feet contained. Divide the remainder by 12, for the inches.

Inches.
26 base.
17½ perpendicular.

182
26
13

455 product.

227½ half the product.
12 length.

Ft. In. 12ths solid.
144 | 2730 | 18 11 6 Ans.
144

1290
1152

12 | 138 |
11.6
or 18¾ feet solid.

---

## Mahogany.

A Mahogany log 25½ inches broad, 16 inches thick, and 15½ feet long, how many superficial inch feet?

RULE.—Multiply breadth by depth in inches, and that product by the length in feet, which last product, divided by 12, gives the superficial inch feet required.

OPERATION.

OPERATION.

Inches.
25½ breadth.
16 thick.

150
258

408
15½ feet in length.

2040
408
204

12 | 6324 |

527 superficial inch feet. Ans.

If you want to know the solid feet contained, divide the superficial inch feet by 12 and the quotient will be 43 feet 11 inches solid, or 43 feet and ¾. So of any other.

## Sawyers Work,

### *Measured with a Line.*

Admit 34 feet 6 inches line by 9½ feet long.

RULE. Multiply line by length in feet and inches, gives the product required.

OPERATION.

RULE.
Measure off your several cuts alternately with a line, which afterwards measure on the rule.

| | Ft. | In. |
|---|---|---|
| Line | 34 | 6 |
| Long | 9 | 6 |
| | 310 | 6 |
| | 17 | 3 |

Feet of sawing 327 9 and so of any other.

OF

# BUILDERS WORK.

THE

# PRICES AND CUSTOMS

OF THE SEVERAL

# *ARTIFICERS WORK,*

RELATING TO

# BUILDING,

When finished in a masterly manner, of the best Materials,

*Otherwise it does not deserve the price.*

## CARPENTERS WORK.

ROOFING and Flooring are measured by the square of 10 feet each way, 100 square feet being one square of work.

EXAMPLE. A piece of work 96 feet 3 inches by 21 feet 3 inches, required the number of squares contained therein?

### OPERATION.

RULE. Multiply the given dimensions together in feet and inches, which product divided by 100 (by cutting off the figures to the right) will give the squares required.

| Ft. | In. | |
|---|---|---|
| 96 | 3 | |
| 21 | 3 | |
| 96 | | |
| 192 | | |
| 5 | 3 | |
| 24 | | parts |
| | | 9 |

1(00)20(45 3 9

Answer, 20 squares 45 feet 3¾ inches.

In

In roofing, measure flat and half if regularly pitched; otherwise take the length of the rafter from out to out of the wall plates, adding the thickness of the wall plates; which when doubled, multiply by the depth of the house.

No deduction is made for chimney shafts or sky-lights.

In flooring, deduct for stair-cases and hearths, and allow for the joists in one wall.

Wainscot doors and trimming of windows, by the square yard of 9 square feet.

EXAMPLE. A piece of work 14 feet 6 inches by 10 feet 3 inches, required the square yards contained?

OPERATION.

RULE. Multiply the given dimensions together, which product divided by 9 will give the square yards contained.

| Ft. | In. |
|---|---|
| 14 | 6 |
| 10 | 3 |
| 140 | |
| 5 | |
| 3 | 6 |
| | 1 . 6 |
| 9)148 | 7 . 6 |

Yards 16 4 Ft. 7 In. 6 Pts.
or $16\frac{1}{2}$ yards.

*For allowances in wainscot of different kinds, see page 87.*

Measure your sashes in the clear of the frames, and when you measure sash and frame together, take from out to out of the frame, always adding the lapp'd rail.

Boarding measured in the clear of the walls, deducting for chimneys and hearths.

Cieling and flooring joists measured the full length; no deduction on account of hearths.

In coach-house gates and frames,—if the jaumbs of the gate be 6 inches by 9 inches, the breastsomer or head must be 9 inches by 10, and the gate inch and half thick.

Sashes, bridging, and boarding under lead, by the square foot.

Stair cases, by the story.

Outside door-cases, sash-frames, columns, pillasters, cartouch-brackets to stair-steps, curbs, &c. by the piece.

Ovella mouldings, cornices, architraves, base surbase, plinth, spring-boards, hand-rails, bridging between joists, saddles and staffs to quoins, pallisadoes, rack and manger, trunks, gutters, and the like, running measure.

# PRICES OF CARPENTERS WORK,

## *FURNISHING ALL MATERIALS.*

Prior to 1st of April, 1806.

FRAMED roofing, with king posts, girders 12 inches by 9 inches, and principal rafters 12 inches at bottom and 10 inches at top, and 9 inches thick, with 6 braces to ditto.—The principal rafters about 10 feet asunder, with iron straps, bolts, and purloins 9 inches square; tumbled in, and common rafters 4½ inches by 2 inches of the best red fir 7l. 10s. to 8l 10s.

Roofing with collar braces, the rafters from 12 to 18 feet, 2½ inches thick, 6 inches at bottom, and 5 at top, 54s. to 64s.

Common roofing, the rafters 5 inches by 2 inches, 37s. to 40s.

per square.

Bridging and boarding under lead, 12d. per superficial foot.

Ceiling joists 4½ inches by 1½ inch, 25s. to 30s.

Studd (or quartered) partitions, ditto.

Truss partitions, 38s. to 44s.

Joists and floor in parlour and principal rooms, the joists 10 inches by 2 inches, floor of inch and half plank, dowelled, 8l. to 10l.

Joists and floor with moss deals, inch and half, with trimmers 2¼ inches thick, dowelled, 6l. 10s. to 7l. 5s.

Ditto nailed, 6l. to 6l. 15s.

Joists and floor in third story, the joists 10 inches by 2 inches, and flooring inch thick, of moss deals, laid straight joint, 5l. 5s. to 5l. 16s.

Joists and floor with common deals, 4l. 10s. to 5l.

Broken joint floor and joists, 4l. to 4l. 5s.

Counter boarding between joists, 23s. to 28s.

per square.

Bridging between joists, 5d. to 6d. per running foot.

N. B. Ties and bond timber to be reduced to 3 by 4 square, and charged 5d. per running foot.

And all wrought scantling above 12 inches square, to be charged 5s. 6d. per cube foot.

Circular head sash frames, 10 feet by 4 feet, or 10 feet by 4 feet 6 inches, about 28s.

Square ditto, 9 feet by 4 feet, 16s. to 18s.

Ditto, 6 feet 6 inches by 3 feet 6 inches, 14s. to 16s.

Small sash frames, 11s. 4d½. to 13s.

each.

Fitting,

## Furnishing all Materials.

Fitting, ranging, and bedding of sash frames, 2s. 6d. to 3s. 6d. each.
Sashes made in the best manner and new taste, dowelled, franked and tapered, 15d. to 18d.
Common sashes, 12d. to 13d.
Alderiga sashes with iron rabbets, mahogany body and brass bedes, 2s. 8d. to 3s. 3d.
Mahogany sashes, 2s. 8d, to 3s.
Oak ditto, 2s. 6d. } per foot.

Framed wainscot doors, and trimming of windows, 7s. to 7s. 6d.
Plain wainscotting, 6s. to 6s. 6d.
Oak wainscotting done in a superior manner, and finished of the best materials, 19s. to 1*l*. 2s. 9d. } per yard.

Mitre framing, 7s. 6d. to 8s.
Bede molding on deal wainscot, 2d½.
Base molding and plinth, 9d. to 13d.
Common surbase, 7d. to 8d.
Surbase with raised moldings thereon in the new taste, 10d. to 11d.
Ditto with one enrichment beded, 11d. to 12d.
Surbase with flutting and pateras on the face, 16d.
Ground work for base and surbase, 4d.
Plain architraves to garrets, 7d. to 8d.
Architraves double faced and raised, 12d. to 13d.
Ditto with 2 enrichments, 18d. } per foot.

Setting in pulley boxes, 8d. to 9d. per pair.
Pendulum slips between weights, 2d. to 2d½.
Parting slips between sashes, fir, 3d.
Ditto oak, 4d.
Shop frames, admitting the breastsomer 14 inches by 12 inches, a corner post of 14 inches, with uprights and interstaces in proportion, 13s. to 14s.
Fillet gutters, 18d. to 20d.
Trunks, 5 inches, pitched and put up, ditto. } per running foot.

Mahogany curbs round hearth-stones, 16s. to 18s.
Oak ditto ditto 10s.
Deal ditto ditto 6s. to 6s. 6d.
Rabbetted and beded outside door cases, 4 inches by 5. 16s. to 18s. } each.

N. B. Cellar doors, and stuck and rabitted doors, go by measurement.
Mahogany carved cartouche brackets (according to the design) to the end of open newell stair steps, 3s. 6d. to 5s. } each.

Ditto plain, 2s.
Molded skirting, 5d. to 5d½.
Mahogany bede and ovella moldings round chimney-pieces, 16d.
Deal ditto, 7d. to 8d.
Spring board, 4d.
Fir pallisadoes in best manner, 7s. to 7s. 7d.
Smaller ditto, also chinese railing, 6s. to 6s. 6d.
Saddles to quoins, 4d. to 5d.
Stalls to ditto, 2d½. to 3d.
Rack and manger with solid oak breast and knees,—ash staves turned, 15s. to 16s.
Plain ditto, 12s. to 12s. 6d. } per running foot.

## Furnishing all Materials.

N. B. Coach-house gates go by measurement.

Mahogany handrails to geometrical stairs, ramped on circular base, with volute at bottom, and screwing the iron ballusters, 7s. to 9s. } per foot.

Oak ditto, done in same manner, 6. to 7s. } per foot.

Grand stairs, done in a superb manner, in mansion-houses, from 50 to 70 guineas, or more according to the design, } per story.

Grand stairs, in private houses, 20 to 35 guineas, } per story.

Quaker-stairs, from 10 to 15 guineas, } per story.

Dog-leg'd-stairs, from 8 to 12 guineas, } per story.

Garret and cellar stairs, from 5 to 7 guineas, } per story.

N. B. Stairs being various, according to the plan and height of stories, should be valued accordingly, by men of judgment.

# PRICES OF CARPENTERS WORK,

## *WORKMANSHIP ONLY.*

Framed roofing, according to the span, from 28s. to 32s.
Roofing with collar braces, shouldered and let in, 9s. to 9s. 9d.
Common roofing, 8s. to 8s. 8d.
Ceiling joists, 4s. to 4s. 4d.
Studd portitions, ditto.
Laying flooring and joists, the plank dowel'd, 28s. to 29s.
Straight joint flooring and joists nailed down with brads, 15s.
Counter flooring, 4s. 4d. to 5s.
Broken joint floor and joists, 10s. to 11s. 4d½. } per square.
Bridging between joists, 2d½. per running foot.
Making compass sash-frames, according to size, 10s. 10d. to 11s. 4d½.
Large sash-frames, double morticed, 6s.
Common ditto, 3s. 9d½. to 4s. 6d.
Bedding large sash-frames, 2s. 6d. } each.
Ditto small, ditto 1s. 3d.
Sashes made in the newest taste, and best manner, 7d½. } p. foot.
Common astragal sashes, 6d½.
Ovala, ditto, 5d½.
Setting in pullie-boxes, 8d. to 9d. per pair.
Wainscoat doors, and trimming of windows, to 1st and 2nd principal stories, 4s. to 4s. 4d. } p. yard
Ditto attic, garret and kitchen story, 3s. 6d.
Base and surbase, 4d½. to 5d.
Laying raised mouldings on ditto, or putting on composition, 1d more additional,
Ground-work under ditto, 2d.
Plain skirting, 2d½. to 3d.
Plain archatrives with mouldings in attic and garret stories, 4d½.
Double-faced and raised architrives with mouldings, 8d.
Ditto with two enrichments, 10d. } per running foot.
Door-cases, rabbitted and stuck, 4s. 8d. to 5s.
N. B. Doors rabbitted, stuck and ledged go by measurement.
Mahogany carved cartouche brackets to the end of open newel stair steps, according to the design, 1s. 4d. to 2s.
Mahogany curbs round hearth-stones, 6s. 6d.
Oak ditto, round ditto, 5s. } each.
Bridging and boarding under lead, 5d. per superficial foot.
Trunks and gutters, 7d.
Spring-board, 1d½.
Saddles to quoins, 3d.
Staffs to ditto, 1d½.
Half hand-rail, 6d. Base 5d.
Circular rail, 1s. Circular base, 8d.
Mahogany hand-rails to geometrical stair steps, and screwing the iron ballusters, 2s. 8d½. to 3s. 6d. } per running foot.
Oak ditto to ditto, and screwing ditto, 2s. 6d. to 2s. 9d.

Open

## Workmanship only.

Open newel stairs, with mahogany hand-rails, ramped and kneed, with a scrole at bottom, according to the grandeur and magnificence of the design, from 10 guineas to 25l.

Open newel stairs, with deal hand-rails, ramped and kneed, according to the design, 5l. to 8l. 10s.

Dog-legged stairs, 3l. to 3l. 10s.

} per story.

Hall door, according to size, framed, lined and hanging stiles, 2l. to 2l. 10s.

Gates and cases rabbited and stuck, 4s. 8d. to 5s.

Rack and manger with solid oak breast and knees, 4s. 8d. to 5s. 5d.

Fir pallisadoes and chinese rails, 3s. 4d. to 4s. 4d.

} p. foot.

All circular work, double work.

## PROPORTIONS OF SCANTLING.

| Denominations. | Length or Height in Feet. | Scantlings in inches, &c. | | |
|---|---|---|---|---|
| Sills, | 18 | 4½ | by | 10 |
| | 20 | 5½ | | 11 |
| | 25 | 6 | | 12 |
| Uprights for shop frames, | 7½ | 5 | by | 10 |
| | 9 | 6 | | 11 |
| | 10 | 7 | | 12 |
| Interstices, | 5 | 3½ | by | 10 |
| | 6 | 4 | | 11 |
| | 8 | 5 | | 12 |
| Breastsomers, | 18 | 11 | by | 10 |
| | 20 | 12 | | 11 |
| | 25 | 14 | | 12 |
| Thorough Joists, | 12 | 1¾ | by | 7 |
| | 16 | 1¾ | | 9 |
| | 20 | 2 | | 10 |
| Ceiling Joists, | 12 | 1¼ | by | 3 |
| | 16 | 1½ | | 4½ |
| | 20 | 1¾ | | 5 |
| Cellar beams, | Much the same as ceiling joists, or very little less.—Some chose to leave them equal to the ceiling joists. | | | |
| Wall plates, | 18 | 2 | by | 5 |
| | 20 | 2½ | | 6 |
| | 25 | 3 | | 6½ |
| Thorough rafters, | 10½ | 1½ | by | 4 at bottom and 3½ at top. |
| | 12 | 1¾ | | 4½ ditto, and 4 ditto. |
| | 13½ | 2 | | 5 ditto, and 4 ditto. |
| Hips, | 11½ | 2 | Thickness. | The breadth must be equal to the bevil-cut of the creeping-rafter. |
| | 13½ | 2¼ | | |
| | 16½ | 2½ | | |
| Ridge poles, | Inch thick, the breadth thereof to be equal to the bevil-cut of the top of the rafter. | | | |

## SCANTLINGS.

### For a framed roof of 50 feet span.

Girders, 13 inches by 9, and framed to camber in themselves.
Principals, 12 inches at bottom and 8 inches at top.—9 inches thick.
King Posts, 12 inches by 9 inches.
Purloins, from 8½ inches to 9 inches square.
Strut braces, from 7 inches to 9, by 6 inches.
Rafters, 6½ inches at foot, and so taper to 5 inches at top, by 2½ inches thick.
Wall plates, 10 inches broad, by 4½ to 5 inches thick.
Bond plates under girders, 6 inches by 10 inches.

### For a lesser span, such as from 24 to 26 feet, viz.

Girders, 12 inches by 6 inches.
Principals, 10 inches at bottom and 6½ at top, 6 inches thick.
King Posts, 12 inches by 6 inches.
Purloins, 7 inches square.
Rafter, 5½ inches by 4 inches, 2½ inches thick.
Strut braces, 5 inches by 6 inches.
Wall plates and bond plates, as above mentioned.

---

## The present customs of Wainscotting, under the following heads, viz.

### Doors framed.

Inside doors framed, stuck, and pannels raised on both sides, the framing inch and ½ thick, containing 5 pannels or upwards, double work.

The pannels of ditto, raised on one side and flat on the other, work and ¼.

Five panneled doors or upwards, the framing inch and ¼ thick, both sides flat pannels, double work.

The pannels of ditto, raised on both sides, inch and ¼ thick,—two works and a ¼.

Four panneled doors stuck on both sides, inch and ½ thick,——work and ¼,——but if stuck on one side and square on the other, work and ½, with an additional ¼ work in case the pannels are raised on both sides.

Window

## Window shutters framed.

Molded on both sides, from inch and $\frac{1}{4}$ to inch and $\frac{1}{2}$ thick,—double work, ——and if stock on front and square at back, work and $\frac{3}{4}$,——and if bede and flush at back, two works and a $\frac{1}{4}$,——and for every eighth of an inch increase in thickness, add one-eighth of work;——and if but 10 inches and under in breadth, $\frac{1}{4}$ work to be added more to the measurement, as a compensation for extra workmanship.

All back leaves framed square, from inch and $\frac{1}{4}$ to inch and $\frac{1}{2}$ thick, work and $\frac{1}{2}$.

Back leaves from $\frac{3}{4}$ inch to an inch thick, work and $\frac{1}{4}$, and for every eighth of an inch increase in thickness, one eighth to be added to measurement.

Allowance to the workman for all framed window shuts.

## Wainscot framed.

From inch and $\frac{1}{2}$ to inch and $\frac{1}{4}$, framed and stuck on one side and flush on the other, with slit deal pannels, allowed work and $\frac{1}{2}$,—and when framed square, from inch to inch and $\frac{1}{2}$ thick of slit deal pannels, mullited and planed on both sides, work and $\frac{1}{4}$.

Pannels of slit deal planed on both sides and glued, or where partitions are grooved, work and $\frac{1}{4}$, provided the stile be equal to quarters two in a board of whole deal.

Framed wall work, returned work and $\frac{1}{4}$; and if framed bede and flush, work and $\frac{1}{2}$.

## Battened pannels.

Of slit deal, ledged, work and $\frac{1}{2}$.

Ditto, not ledged, work and $\frac{1}{4}$.

Pannels, from inch to inch and $\frac{1}{2}$ thick, battened and ledged, work and $\frac{3}{4}$

The like not ledged, work and $\frac{1}{2}$, and if Dutch battened, double work.

## Ledged doors,

Rabbeted and moulded, from $\frac{3}{4}$ inch to inch thick, work and $\frac{1}{4}$; and for one eighth increase in thickness, add one eighth in work.

Bede

## Bede and flush.

From inch and ¼ to inch and ¼ thick, pannels inch thick, the framing grooved and stuck on one side, work and ¼.
If stuck on both sides, double work.

N. B. Add one fourth more if both sides are flush.

## Tables, Dressers and Shelves,

Planed on both sides from ¼ to inch thick, to be measured single measurement, and for every eighth of an inch increase in thickness, one eighth to be added in work.—All bearing slips under shelves are running measure

Cornices, or any other moldings thereunto belonging, are running measure.

## A Resolution of the Corporation of Carpenters In the Year 1793.

Resolved,

THAT any person who may be employed to make plans or estimates, shall be paid at the rate of two per cent. for the amount of his estimate, if he should not be employed in the performance of the work.

And in case he should be so employed, he shall be then entitled to the sum of five pounds per cent. upon all the works performed under his direction, or by his plans, except that part which may be his own particular branch, and upon which he may have profits in the course of the work. And if such person should be employed in the country, he shall be entitled to six per cent. and his travelling expences.

Signed by Order,

EDWARD FISHER,
Guild Clerk.

(A Copy)

# BRICKLAYERS WORK.

THE chief part whereof is measured by the perch, being 21 feet long, nine inches thick, and one foot high.

EXAMPLE. A piece of work 66 feet long, 20 feet 6 inches high, and 28 inches thick, how many perches contained therein?

| RULE. | OPERATION. |
|---|---|
| Multiply length by height in feet and inches, and that product by the inches in thickness, which last product divided by 9, and that quotient by 21, will give the perches sought, standard measure in Ireland. But when the thickness is 9 inches only multiply the given length and height together, and divide by 21, for perches. | Ft. In.<br>66 0 Length.<br>20 6 Height.<br>1320<br>33<br>1353<br>28 Inches thick.<br>10824<br>2706<br>9 \| 37884<br>21 \| 4209 3 |

Answer. Perches, 200, 9 f. 3 in.

## Chimnies.

Are measured as solid. In measuring angle chimneys, multiply the height of the story by the breast, take $\frac{1}{4}$ of the breast for the thickness, take length, breadth, and thickness of the shaft; reduce all into 9 inch work.

## Customs.

For 4 inch walls, 2 thirds of 9 inch work is allowed.

For 3 inch walls, half of 9 inch work.

Centering in sewer vaulting, $\frac{1}{4}$ of arch is allowed.

Ditto in groind vaulting, the whole arch is allowed.

Pargetting of funnels, by the running foot, or per funnel, as may be agreed upon.

Arches, by the piece.

Topping of chimneys, splayed jaumbs, eve courses, cant quoins, and the like, by the running foot.

Flooring

Flooring with bricks or tiles, also rough cast dashing, by the square yard.
Additional work to stock brick fronts, also dashing on stone walls, by the perch.
Brick pointing, setting window stools and coping, also hammered stone piers, by the superficial foot.

## In rough stone work.

Twenty-one feet long, 12 inches high, and 18 inches thick, make a perch.
Multiply in like manner as before directed, i. e. length and height together, in feet and inches, and that product multiply by the inches in thickness, which last product divided by 18, and that quotient by 21, gives the perches contained. But when the thickness is 18 inches only, multiply the given length and height together, and divide by 21 for perches:

N. B. One thousand of any common bricks (mortar and work will make four perches and ¼ of work.

Two hundred and thirty-six bricks (mortar and work,) will make a perch.

---

# PRICES OF BRICKLAYERS WORK,

*Furnishing all Materials.*

Stone walls, reduced to standard thickness, 12s. 6d. to 13s.
Brick walls, ditto 13s. to 13s. 6d.
Ditto, mortar and work, 6s. 6d. to 7s.
Vaulting, 13s. to 13s. 6d.
Centring under arches, mortar and work, 6s. to 6s. 9d.
Red stock brick fronts, 1l. 2s. 9. to 1s. 4s.
Grey stock brick ditto, 17s. to 18s.
} per perch.

Grey stock brick flooring, 4s. to 4s. 6d.
Place brick ditto, 3s. 3d. to 3s. 9d.
Tiling of floors, 5s. 6d. to 6s.
Plain dashing on walls, 4d. to 5d.
Rough cast dashing, ditto, 8d. to 9d.
} per yard.

Pargetting of funnels, 5d. per running foot, or about 20s. per funnel, as may be agreed on.

Stock brick.
Foot arches, over doors and windows, 4s. 4d. to 6s.
Eighteen inch arches, 6s. 6d. to 7s. 7d.
Circular arches, over doors and windows, according to girt, 8s. 8d. to 11s. 4d½.
Eliptic arches, over gates, according to base, 17s. to 1l. 2s. 9d.
} each.

Foot

*Furnishing all Materials.*

Place brick.
- Foot arches, 3s. to 3s. 4d.
- Eighteen inch arches, 4s. to 4s. 4d.
- Scheme arches over openings, 2s. to 2s. 6d.
- Four inch arches, 1s. 4d:
- Counter arches over chimneys, doors, &c. 3s. 6d. to 3s. 9d.
- Eliptic arches over gates, 12s. to 15s.
- Brick trimmers under hearths, 5s. 6d. to 6s: } each.

Splayed jaumbs and cant quoins to windows, 3d. to 3d½. per running foot.

Kitchen grates according to magnitude, 18s. to 1l. 2s. 9d.
Metal ovens, boilers, and hot plates, according to size or quantity contained therein, 1l. 14s. 1d½. to 2l. 5s: 6d.
Stew holes, 8s. 1d½.
Bath stoves, 10s. to 12s.
Quaker grates, 8s. to 10s.
Setting register grates, 11s. 4d½: to 15s.
Wine binns, grey stock, (arched) according to size, 12s. to 15s.
Ditto, place brick, (arched) } each.

Topping of chimneys, exclusive of pulling down, four inches, 3s. 4d. to 3s. 8d.
Ditto, nine inches, 4s. 4d. to 4s. 8d. } per running foot.

Brick potting to chimneys, nine inches, 3s. 3d.
Ditto, fourteen inches, 4s. 4d.
Ditto, eighteen inches, 6s. 6d. } each.

Stock brick pointing on fronts, 6d. to 7d.
Place brick ditto on chimneys, &c. 3d½. to 4d.
Setting, coping and window stools, 3d. to 4d.
Hammered stone piers, 7d. to 8d. } per superficial foot.

Sewers, from twelve to eighteen inches, flagged at top and bottom, 2s. 6d. to 3s. per runing foot.

N. B. All openings deducted from stuff.

---

# PRICES OF BRICKLAYERS WORK,

## WORKMANSHIP ONLY.

Stone walls, reduced to standard thickness,
Brick walls, ditto,
Vaulting, ditto,
Centring under arches, } 2s. 4d. per perch

Additional work to stock brick fronts, 4d. per superficial foot.

Stock

WORKMANSHIP ONLY.

Stock brick flooring, 12d. to 15d.
Place brick ditto, 10d. to 11d.
Tile flooring (rubbed), 15d. to 17d.
Dashing of walls, 2d½. to 3d.
Roughcast dashing on walls, 5d. to 6d.
} per yard.

Pargetting of funnels, 10s. to 12s. per funnel, or 2d½. per foot, as may be agreed on.

Stock brick.
Foot arches, over doors and windows, &c. 4s. 4d. to 6s.
Eighteen inch arches, 6s. 6d. to 7s. 7d.
Circular arches over doors and windows, according to girt, 8s. 8d. to 11s. 4d½.
Eliptic arches over gates, according to base, 17s to 1l. 2s. 9d.
} each.

Place brick.
Foot arches over doors and windows, 3s. to 3s. 4d.
Eighteen inch arches, 4s. to 4s. 4d.
Scheme arches over openings, 2s. to 2s. 6d.
Four inch arches, 1s. 4d.
Counter arches over doors, chimneys, &c. 3s. 6d. to 3s. 9d.
Eliptic arches over gates, 12s. to 15s.
Brick trimmers under hearths, 5s. 6d. to 6s.
} each.

Kitchen grates according to magnitude, 8s. 1d½. to 11s. 4d½.
Metal ovens, boilers and hot plates, according to size or quantity contained therein, 20s. to 30s.
Stew holes, 4s. to 4s. 6d.
} each.

Bath stoves, 6s. to 7s.
Quaker grates, 5s. 6d. to 6s. 6d.
Register grates, 7s. 7d. to 9s. 9d.
Wine bins, grey stock, (arched) according to size, 5s. to 6s.
} each.

Pointing stock brick on old fronts, 6d.
Ditto place brick on fronts, chimneys, &c. 3d.
Hammered stone piers, 7d. to 8d.
} per superficial foot.

Topping old chimneys, including pulling down, 20d. to 2s. 2d. per running foot.

Brick potting on chimneys, nine inches, 1s. 7d½.
Ditto, fourteen inches, 2s. 2d.
Ditto, eighteen inches, 3s. 3d.
} each.

Setting, coping and window stools, 2d½. to 3d½. per superficial foot.

Splayed jaumbs and cant quoins to windows, 2d. to 2d½.
Eve courses, 2d.
Sewers, from 12 to 18 inches, flagged at top and bottom, 16d. to 22d.
} per running foot.

N. B. All openings of doors, windows and chimneys, are workmanship only.

☞ All circular work, and 14 inch walls, are work and half.

STONE-

# STONE-CUTTERS WORK.

## *PRICES,*

## Including setting, marked under the different Heads.

Common mountain stone flagging, window stools, and coping, five inches thick, 1s. 6d.
Plain mountain stone steps, 1s. 8d.
Pallisadoe base from six to eight inches thick, 2s.
Ditto exceeding eight inches thick, 2s. 2d.
Molded plinth to ditto, (the base wrought separate) 1s. 6d.
Plain ashlers of Kilgobbin stone, five to six inches thick, 1s. 10d.
Ditto Golden-hill stone, 2s. 6d.
Rustic ashlers, quoins, &c. Golden-hill stone, (extra over bond) 2s. 4d.
Ditto, Kilgobbin stone, 2s. 2d.
} per superficial foot.

Bonds (extra) 3s. per cube foot,

Moldings for ditto, ashlers, &c. of Golden-hill stone, according to the design, 3s. 6d. to 4s. 6d.
Ditto Kilgobbin stone, according to molding, 3s. 6d. to 4s. 6d.
} per superficial foot.

N. B. In coping and window stools, measure with a girt line (wherever the chissle goes) round the whole toothing by the full length.

Vein or dove marble in polished flat work, 10s. 10d.
Statuary marble, according to quality, 15s. to 1l. 2s. 9d:
Black and gold, and purple marble, inch thick, 1l. 2s. 9d.
Sciena and Brocatilla marble in vineers, 1l. 2s. 9d.
Jasper and green marble in ditto, 1l. 2s. 9d.
Cork marble in flat work, polished, 6s. 6d.
Kilkenny ditto ditto 5s. 6d.
Galway and other jet marble in flat work, polished, 6s. 6d.
Black stone chimney pieces, and hearth stones, 2s.
} per superficial foot.

Astragal moldings on the edges of marble slips, and above the superficial contents, 3s. 3d. per running foot.

Curves in black or any other stone hearths, 2s. 6d. per piece.
Ditto in marble, 3s. per piece.
Freestone slabs of all sorts, 1s. 9d. per superficial foot.

Freestone

*Furnishing all Materials.*

Freestone Bath stoves, two feet six inches wide in the clear and under, 16s. 3d.
Ditto from two feet six inches, to three feet wide and under, 20s.
Ditto three feet six inches and upwards, 26s.
} per piece.

N. B. The ash-hole blocks are to go in with the Bath stoves, but if other stone, to be measured and paid in addition to the above.

Vein or dove marble Bath stones, lined and screwed, according to the open of the chimney-piece, 4l. 11s. to 5l. 13s. 9d.
Black marble ditto, according to size, 3l. to 3l. 19s. 7d½.
Setting register and mock register grates, in black marble, with blocks, &c. 2l. 5s. 6d. to 2l. 16s. 10d½.
Ditto in Italian marble, 3l. 8s. 3d. to 3l. 19s. 7d½.
Freestone facings to same grates as above, 19s. 6d.
} per piece.

Portland flagging, laid diagonally, 2s. 2d.
Ditto in octagon, or mixed with black, 2s. 6d.
Ditto in straight courses, 2s.
Plain Portland cills and stools, stone and work, 3s. 6d.
Geometrical Portland stone stair-cases, molded, and four feet long, 3s. 9d.
Ditto from four to five feet, 4s.
Ditto five feet long and upwards, 4s. 6d.
Ditto plain, four feet long, do. 3s. 6d.
} per superficial foot.

Joggles at landing, 1s. 6d per running foot.
Circular geometrical steps molded, for stone work, 5s. per superficial foot.
Plain ditto ditto 4s. 6d. per ditto.
Portland ashlers, supposed six inches bed, 3s. 10d. per ditto.

Mountmellick flags, squared and laid, 6s.
Ditto black stone, or Cursis-stream, 5s. 6d.
Carlow ditto, 7s.
English flags, white 10s. 6d.—red, 9s. 9d.
} per square yard.

Tomb-stones, { Eight feet by four feet, 12l.
Seven feet by three feet six inches, 9l. 10s.
Six feet by three feet, 8l. } each.

N. B. No marble stone of any size less than 3l. 19s. 7d½. to 4l. 11s.
All letters thereon, 2d. each.

To

*To find the solid content of a marble block.*

## RULE.

Multiply length by breadth in feet and inches, and that product by the depth in feet and inches will give you the solid content in feet by which it is sold.

N. B. Twelve solid feet of marble make a ton.

### OPERATION.

| | Ft. | In: | |
|---|---|---|---|
| Admit | 6 | 6 | length |
| by | 2 | 4 | breadth |
| | 2 | 2 | 0 |
| | 13 | 0 | 0 |
| | 15 | 2 | |
| | 1 | 3 | thickness |
| | 3 | 9 | 6 |
| | 15 | 2 | 0 |
| | 18 | 11 | 6 |

or 18 feet ½ solid.

---

## SLATORS WORK,

Is measured by the square of 100 square feet.

No deduction for chimney-shafts. Hips, vallies and eves, added to the content of the roof as double measurement.
Six hundred of double slates cover a square of work.
One thousand of singles, ditto.
One hundred and sixty-five titles, ditto.
Forty laths will do a square of work.
A ton of slates will do about a square and ¼ of work.

# PRICES OF SLATORS WORK,

*Furnishing all Materials.*

Slating and rendering with double or single slates, 40s. to 2l. 5s. 6d.
Pointing, mortar and work, 5s. to 5s. 6d.
Upright or weather slating, 46s. to 50s.
Tun slating, 65s. to 70s.
Closing gutters and breaches, (new slates excepted) 28s.
} per square.

And when not a square, 4d. per superficial foot.

Covering dry, with dutchess, countess, or lady slates, double laths and rendering, 50s. to 56s.
Patent slating, 70s. to 75s.
English tiles, covering and pointing, 40s. to 45s.
} per square

# PRICES OF SLATORS WORK,

WORKMANSHIP ONLY.

Slating and rendering, 12s. to 14s.
Pointing, 3s. 3d. to 3s. 6d.
Upright or weather slating, 20s. to 21s.
Tunn slating, 16s. to 17s.
Stripping and closing gutters, not exceeding 12 inches in depth, 16s. 8d.
} per square.

Covering dry, with dutchess, countess, or lady slates, double laths and rendering, 12s. to 13s.
Patent slating, 16s. to 18s.
Tiles, coveriug and pointing, 9s. 9d. to 10s. 10d.
} per square

# GLAZIERS WORK.

*Is measured from putty to putty by the superficial foot.*

N. B. Where windows are arched, or of a curved form, they are measured from out to out by their full diameters.

## Table for working the Dimensions.

Feet multiplied by feet produce feet.
——————— inches ——— inches.
——————— parts ——— parts.

Inches multiplied by inches produce parts.
——————— parts ——— seconds.

Parts multiplied by parts produce thirds.

Note.——Twelve thirds make one second.
——— seconds ——— part.
——— parts ——— inch.
——— inches ——— foot.

Example. A piece of work 16 feet 6½ inches, by 8 feet 4½ inches, how many superficial feet?

## RULE.

Multiply the given dimensions together in feet, inches in parts, and the content will appear in superficial feet.

## OPERATION.

| | Ft. | In. | Parts. | |
|---|---|---|---|---|
| | 16 | 6 | 6 | |
| by | 8 | 4 | 6 | |
| | 132 | 4 | 0 | seconds. |
| | 5 | 6 | 2 | 0 |
| | | 8 | 3 | 3 |
| | 138 | 6 | 5 | 3 |

Or, 138 feet and ½ superficial.

PRICES

# PRICES OF GLAZIERS WORK,

*Furnishing all Materials.*

## British glass or Scotch.

First and second quality, not 2½ to 3 feet and upwards, 18d. to 20d.
Ditto, third quality, 16d.

## Newcastle crown.

Squares. { 2½ and not 3 feet, 2s. 6d.
3 feet and upwards, 3s. 3d.
Dim glass of any dimensions, 3s. 9d½.
New work, the employer finding glass, 4d.
Sky-lights, puttied inside and outside, 4d.
Hot-house and dwelling-house windows, puttied inside and outside, 3d. } per foot.

## Glazing hot-houses with squares,

Six inches by four, 6d.
Seven do. by five, 6d½.
Eight by six, six by seven, ten by eight, and eleven by nine, 7d. to 8d.
Fancy lead-work, 2s. 4d. to 2s. 8d.
Quarry work, 1s. 4d. to 1s. 8d.
Plain lead lights, 1s. 4d.
New leading of old glass, 1s.

Cleaning. { All garret, bed-chamber, kitchen, and out-office windows, 4d.
Drawing-rooms and parlours, 6d.
Stair-head windows, according to height and risque, 1s. to 1s. 8d. } each.

# PRICES OF SMITHS WORK,

*Furnishing Materials.*

Pallisadoes, 2l. 2s. per cwt.
Iron gates, per pattern, per agreement.
Scrole pannels to geometrical stair-steps, according to the form, 8s. 1d½. to 1l. 2s. 9d. per step.

Hunting, or field gates, 5d. to 6d½.
Window bars and area grates, 5d.
Plain kitchen grates, 4d½. to 5d.
Plain iron hand-rails to geometrical stair steps, 6d.
Kitchen grates with wind-up niggers, finished in an elegant manner, 7d.
Standard globes irons, 6d½.
} per lb.

Arch globe irons and smoak jacks, per agreement.
Extinguishers, from 11s. 4d½. to 16s. 3d. per pair.

# PRICES OF FOUNDERS WORK,

*Furnishing Materials.*

Boilers under 120 gallons, 1s. 1d.
Ditto, over ditto, 1s.
} per gallon.

Doors and frames, 28s.
Barrs, 18s. 8d.
Hot-hearths, 20s.
Cones and grates, 23s. 4d
Pallisadoes, 28s.
Stew-holes, rings and grates, 28s.
Area grates, 28s.
Setting ovens, 28s.
Sash weights, 16s. 4d.
Vault stoppers, 23s. 4d.
} per cwt.

Fastenings, for ditto, 8d. per lb.
Registers, 5s. 5d. and upwards according to size.
Fire frames and stoppers, common size, 5s. to 7s.
} each.

PRICES

# PRICES OF PLUMBERS WORK,

*Furnishing Materials.*

Sheet lead, 50s.
Milled lead, 54s. to 56s. } per cwt.
Solder, 13d. per lb.
Lead trunks, battened cisterns, &c. 58s. to 60s. per cwt.

Lead pumps with cylinder 18 inches in length, box-piece, wood-boxes, iron handle and piston, with wood-case to the pump, complete for fixing up, at the following prices, viz.

Bore of cylinder. { 2½ inch, 3l. to 4l. / 3 inch, . . . . 4l. 11s. / 4 inch, . . . . 5l. 13s. 9d. } each.

## LEAD PIPES.

| Bore. | | s. | d. | | Proportion of weight. lb. | | lb. | |
|---|---|---|---|---|---|---|---|---|
| ¾ | inch | 1 | 4 | per running ft. | 2¼ | to | 3 | each. |
| | inch | 2 | 0 | | 3¼ | to | 4 | |
| 1½ | inch | 3 | 0 | | 5½ | to | 6½ | |
| 2 | inch | 4 | 6 | | 7 | to | 8 | |
| 2½ | inch | 5 | 6 | | 9 | to | 10 | |
| 3 | inch | 6 | 6 | | 14 | to | 15 | |

Jointing of pipes according to the above proportion, from 2s. 2d. to 8s. per joint.

Men's labour, fixing down ditto and laying sheet lead, plumber 6s. 6d. labourer, 3s. per day.

N. B. All lead returned in exchange for new sheet lead, to be allowed within nine shillings of the current price of sheet lead, after deducting 8lb. per cwt. tare, as an allowance for dross.

# PAINTERS WORK,

*Is measured by the square yard, unless the following Articles.*

Cornices, ovella mouldings, base, surbase, skirting, trunks and gutters, which are by the running foot.
Sash and frame outssde, scroll pedestals to iron pallisades, iron bars to kitchen windows, and carved cartouches to stair-cases, by the piece.
Measure your sashes by the same method as in carpentry; and in hand-rails and bannisters of stairs measure both sides.
Fillagree mahogany on doors, per the side.
Stucco fancy ceilings in varigated colours, according to richness and number of colours, per agreement.

# PRICES OF PAINTERS WORK.

*Furnishing all Materials.*

Best linseed oil and lead (white) once done, 5d.—twice, 8d.—thrice, 10d. four times, 12d. } per yard.
Flat white done in walnut oil and best lead, one done, 5d.—twice, 8d½. thrice, 11d½. and four times, 14d. } per yard.

Fillagree work on doors, 4s. to 5s. per side.

Common blue or green finished, 18d. to 20d.
Best blue or green done in verditer, flat on walls, also pink or lilac, four times done, in best manner, 1s. 10d. to 2s. 4d.
Stone colour or pearl, four times done, flat on walls, 20d. to 2s.
Figured work on floors, finished according to pattern, 3s. to 4s.
Plain colour on floors, four times done, 14d. to 15d. } per yard.

Stucco fancy entablatures, according to depth, and the number of members picked in, four times done, 16d. to 2s.
Cornices, dead white, or stone colour, according to depth, finished, 4d. to 8d.
Stucco cornices, flat white, according to depth, finished, 7d to 13d. } per running foot.

Entablatures over chimney pieces, (if carved) 3s. 3d. to 12s.
Ditto do. (if plain) 2s. to 5s. 5d.
Carved cartouches to stair-cases, 2d. to 4d. } each.

N.B: Stucco of any cielings painted in varigated colours, according to their richness and number of colours therein to run, per agreement.

Large

*Furnishing all Materials.*

Large sash and frame on outside, once done, 2s.—twice, 3s. 3d.—thrice, 4s. 6d.
Middle size ditto, one done, 1s. 4d.—twice, 1s. 10d.—thrice, 2s. 6d.
Small ditto, once done, 12d.—twice, 16d.—thrice, 20d.
Plaistered reveals, painted once, 10d.—twice, 15d.—thrice, 18d.
Window stools, once done, 6d.—twice, 9d.—thrice, 12d.
Scrole pedestals to iron pallisadoes, finished, 2s. 8d½.
Iron bars to kitchen windows, according to colour, 2d. & 2d½.
} each.

Base, surbase, chimney mouldings, once done, 1d½.—twice, 2d. to 2d½.—thrice, 3d.
Trunks and gutters, once done, 2d.—twice, 3d.—thrice, 4d.
Bede moldings, white, blue, green, crimson, purple, violet, orange, primrose, and pompadore, finished, 1d½. to 2d.
} per running foot.

N. B. All dark colours once done, 4d. twice, 6d. thrice, 8d. per yard.

## *Destemper colours in House-painting.*

Ornament cornices, whitened in best Paris white, 3d. to 4d.
Enrichments, 2d. to 3d.
Ornament freeze, picked, in fancy colours, also ornament white, 7d. to 8d.
} per foot.

Best verditer blue, green, leak, pink, or fine colours, 10d. to 12d.
Common blue, green, black, pearl and straw colour, 4d½. to 5d.
Stone, grey, or buff colours, 3d½. to 4d.
} per yd.

N. B. Any destemper colour done on paper and prepared, ought to be returned paper-hanging measure.

# PLAISTERING AND STUCCO WORK.

## CUSTOMS.

Rendering on roofs, by the square of 100 feet.
Plaistering behind skirting, by the running foot.
Bedding and pointing of sash frames, by the piece.
Walls and ceilings by the square yard of 9 square feet.
Outside reveals, by the piece.
Stucco cornices, and staffs on quoins, by the running foot.

PRICES

# PRICES OF PLAISTERERS WORK.

| | *Furnishing Materials.* | *Workmanship only.* | |
|---|---|---|---|
| Plain cielings, - - - | 18d. | 5d to 6d. | per yard. |
| Plain brick walls, - - | 7d. | 4d. to 5d. | |
| Rough stone, - - - | 8d. | 5d. | |
| Ceilings, skimmed or half coated, - | 20d. | 6d. to 7d. | |
| Ditto, coated, - - - | 2s. | 9d to 10d. | |
| Floated walls for paper, - | 8d. to 9d. | 6d. | |
| Floated and coated walls, - - | 13d. | 9d. | |
| Ditto on hard grounds for painting, | 18d. | 11d. | |
| Coated cielings on stucco laths, 4dy. nails, | 2s. 4d. | 9d. | |
| Floated ashler plaistering marked, to | | | |
| 20 feet high, - | 20d. | 8d. | |
| 20 to 30 ditto, | 2s. 2d. | 9d. | |
| 30 to 40 ditto, | 2s. 4d. | 10d. | |
| Plaistering and rough-cast pebble dashing according to height and expence of scaffolding, | 18d. to 2s. | | |
| Rendering between joists, - | 8d. | 4d. | |
| Rendering slates on roof, - - | 6s. | 3s. per square. | |

Bedding and pointing sash frames, viz.

| | | | |
|---|---|---|---|
| Garret, - - - | 1s. 4d. | 7d. | each. |
| Attic, - - - | 1s. 9d. | 9d. | |
| Parlour and middle floor, | 2s. 4d. | 12d. | |

| | | |
|---|---|---|
| Common plaistering on groins, - | 1s. | 7d. per yard. |
| Groins of ditto, - - | 4d. | per run. foot. |
| Ditto finished in stucco, - - | 18d. | 9d. per yard. |
| Staffs of ditto, and forming groins, | 6d. | 5d. per run. foot. |
| Staffs on quoins opened, large 3d. small 2d. | - - | - per ditto. |

Plain

| | *Furnishing Materials.* | *Workmanship only.* | |
|---|---|---|---|
| Plain six-inch cornices, (Dubbing 2d. per foot) | 10d. | 5d½. | per run. foot. |
| Ditto, nine inches, (Dubbing 3d. per foot) | 14d. | 7d½. | per run. foot. |
| Ditto, twelve inches, (Dubbing 4d. per foot) | 20d. | 9d½. | per run. foot. |
| Solid filling behind skirting, | 2d½. to 3d. | 1d. | per run. foot. |
| Coated circular sophets on brick arches, | 7d. | 3d½. | per superficial foot. |
| Ditto, on laths, | 9d. | 7d. | per superficial foot. |
| Ditto, pannelled, | 18d. to 20d. | 10d. | per superficial foot. |
| Outside reveals of windows, &c. according to size, | 18d. to 2s. 6d. | — | each. |

It is impossible to regulate or fix any standard for prices of ornamented cornices and freezes, or ceilings, they vary so much in design or execution: even the same design executed indifferently, bears no proportion to the value when done in a masterly manner.

## *White-washing.*

| | |
|---|---|
| Plain, once done, 12d. twice, 16d. thrice, 20d. per square. | |
| Stucco whitening, once, 2d½. twice, 3d½. thrice, 4d½. according to height and addition of scaffolding. | per yard. |
| Plain cornices whitened, once, 1d. twice, 1d½. thrice, 2d. | per running foot. |
| Enriched cornices, according to No. of members therein, and No. of times done, 3d. to 6d. | per running foot. |

# PAPER-HANGING MEASURE.

How many yards of paper, 3 feet by 1 foot 8 inches each yard, doth that room contain, whose dimensions are 12 feet in height by 60 feet in the four angles?

## RULE.

Multiply the number of feet in the angles, by the number of feet in height, which when divided by 5, will give the content in yards,

### OPERATION.

Feet.
60 angles.
12 height.

5 | 720

12 | 144 yards, or 12 dozen.

# PAVIOURS WORK,

*Is measured by the Square Yard.*

Workmanship only, 4d. to 4d½.
Repairing old pavements, 8d. to 9d.
New work, furnishing materials, 16d. to 17d.
} per yard.

SINKING

# SINKING FOUNDATIONS,

*Are measured by the Cubical Yard of twenty-seven Cubical Feet.*

## EXAMPLE.

A vault or cellar 20 feet long, 19 feet 6 inches broad, and 9 feet 6 inches deep, how many yards of digging contained therein?

## RULE.

Multiply the length by the breadth, and that product by the depth, (each in feet and inches) which last product divided by 27, gives the cubical yards contained.

## OPERATION.

| Ft. | In. | |
|---|---|---|
| 20 | 0 | length. |
| 19 | 6 | breadth. |
| 380 | | |
| 10 | | |
| 390 | | |
| 9 | 6 | inches deep. |
| 3510 | | |
| 195 | | |
| 3705 | | |

27 | 3705 | 137 yds. 6 feet. Answer.

100

195

6

The price of digging, clearing and carrying away, according to the kind of earth and length of the carriage, 10d. to 2s. } per cube yard.

# NAVAL MEASURE.

## GENERAL RULES

FOR DETERMINING THE

## Carpenters tonnage of Ships in England and Ireland.

### ENGLAND.

*They measure ships taken into his Majesty's service, as follow:*

VIZ.

1st, Let fall a perpendicular from the back of the main post, at the height of the wing transom, to the rabit of the keel produced.

2d, Set forward from that, 2 inches and ½ for every foot in height, for the rake of the post; and from that point measure to the perpendicular let fall from the foreside of the stem, observing if the ship is not on an even keel, to make use of a square applied to the base board.

3d, From that length deduct three 5ths of the extreme breadth, and the remainder is accounted the length of the keel for tonnage.

4th, Multiply this length by the extreme breadth, and its product by the ½ breadth, which last product divided by 94, the quotient will be the tonnage.

Example.

# EXAMPLE.

Length of the keel for tonnage, 70½ feet, and extreme breadth, 24¼ feet, how many tons?

# OPERATION.

```
                 Ft. In.
                  70.5  length.
                 24.25  breadth.
                 ------
                  35 25
                 141 0
                2820
               1410
              ---------
               17096.25
                 12.125  half the extreme breadth.
              ---------
                8548 125
               34192 50
              170962 5
             3419250
            1709625
            ------------------ tons.                tons.
Divisor 94)20729)203·125 (220 49-94ths | or 220
            188..
            ------
             .192
             188
            ------
            ..49 remainder.
```

Note. 25 is the decimal of ¼ } of any thing.
50 ditto of ½ }
75 ditto of ¾ }

☞ Point off your decimal places, which are 6 in number.

N. B. If you multiply the length of the keel by the square of the breadth, and divide by 188, it will give the same quotient

Merchants

## Merchants Ships in LONDON and several other Parts IN GREAT-BRITAIN.

1st, Take the depth of the keel below the rabbit; set that off from the rabbit of the stern post aftward, from that point measure forward to the perpendicular let fall from the foreside of the stem at the height of breadth; deduct from that length 3-5ths of the extreme breadth; the remainder is accounted the length of the keel for tonnage.

2d, For the breadth.—Take the breadth extreme, from outside of plank to outside of plank, either above or below the wailes, where you find the ship or vessel broadest.

3d, For the depth of the hold.—Take half the extreme breadth.

4th, Multiply the length by the breadth, and that product by the half breadth, which last product divided by 94, and the quotient will be the tons required.

Have proper respect to your decimal places, as in the foregoing operation.

## WEST CHESTER AND LIVERPOOL.

1st, Measure from the aft side of the main stern post, to the perpendicular let fall from the forepart of the stem at the height of breadth. From that length deduct 3-5ths of the extreme breadth molded; the remainder is accounted the length of the keel for tonnage.

2d, For the breadth.—Take the extreme breadth molded; that is, from outside of timber on one side, to outside of timber on the other side, at the broadest part of the ship or vessel, either above or below the wailes.

3d, For the depth.—Take half the extreme breadth molded, and proceed as before.

## CITY OF DUBLIN.

*A double-decked Vessel.*

1st, Measure from the aft side of the main stern post, to the perpendicular let fall from the foreside of the stem at the height of breadth; deduct one half of the extreme breadth molded, out of that length, the remainder is accounted the length of the keel for tonnage.

2d, For

2d, For the breadth.—Take the extreme breadth molded; that is, the broadest part of the ship or vessel, from outside of timber on one side to outside of timber on the other side, either above or below the wailes, where you find her broadest.

3d, For the depth.—Measure from the ceiling at the side of the keelson to the upper side of the main beam add to that depth; one half of the height contained between the upper side of the main beam and the upper side of the upper deck beam; the sum is accounted the depth of the hold, provided the extreme half breadth molded do not exceed it; if so, take the extreme half breadth molded for the depth of the hold.

## *Single-decked Vessel.*

Take the length of the keel as above, likewise the extreme breadth, and for the depth of the hold measure from the ceiling at the side of the keelson, to the upper side of the main beam, which is accounted the depth of the hold, provided the extreme half breadth molded do not exceed it; if so, take the half breadth for the depth.

Then multiply the length by the extreme breadth molded, and that product by the depth of the hold, (or by the extreme half breadth molded if it exceeds the depth) divide that product by 94, and the quotient will give the required tons; observing to point off your decimal places, as in the operation, page 109.

In finding the decimal of any number of inches or quarters, add cyphers to the number of quarters, and divide by 48, the quarters in one foot, and the decimal will appear.

THUS:

I want to find the decimal of an inch and ½, which is 6 quarters.

48 | or 6000 | 125. is the decimal of an inch and ½.

120
96

240
240

. . .

And so of any other.

THE END.

#6500

1917