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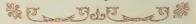
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Sir ISAAC NEWTON's

TABLES

For Renewing and Purchasing the LEASES of

Cathedral-Churches and Colleges,
According to the

Several Rates of INTEREST:

With their

Construction and Use explained.

TABLES for renewing and Purchasing the LEASES of LAND or Houses:

Tables for purchasing Annuities on Lives: And Tables of Compound Interest;

Very necessary and useful for all Purchasers,

but especially those who are any way concerned in Church or College Leases.

To which is added,

The Value of Church and College Leases confidered, and the Advantage to the Lesses made very apparent.

By a late Bishop of CHICHESTER.

The SEVENTH EDITION

To which are also added,

TABLES of Simple INTEREST exactly computed

at 3, $3\frac{1}{2}$, 4, and 5 per Cent. With other useful T A B L E S.

LONDON:

Printed ONLY for THO. ASTLEY:

And fold by R. BALDWIN, at the Rose in Pater-noster
Row. 1758. [Price Two Shillings bound.]

HERE being a fpurious Edition of this Book wer umperfect, as well as incorrect, and confequently a great Abuse and Imposition upon the Publick: The Proprietor, Thomas Astley, thinks it necessary to distinguish such Copies as are Correct and Genuine, by subscribing his Name to this Notice on the Back of the Title Page. Having examined the Sheets from the Press in the most careful Manner, he has not been able to discover a single Error in the Tables, and the Purchasers may absolutely depend upon their Correctness.

Tho! askley

THE

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INTRODUCTION.

HE established Credit which the Tables published by Sir Isaac Newton have gained, has occasioned a Demand for a feventh Edition. But as the Rate of Interest has altered, it has likewise been necessary to construct other Tables at the Rate of 3 and 4 per Cent. And that nothing should be wanting, to make this Treatise as compleat as possible, the Case of purchasing Annuities upon one, two, and three Lives has been considered, as well as how to find the Value of Lives in any usual Combination of them. And as, generally, Tables of Compound Interest are constructed upon a Supposition that Interest is paid only yearly; yet, fince the Dividends upon the Funds are paid half yearly, and the Difference between these two ways of computing is so considerable as to amount to above 800 l. in the Sum of 100 l. at the Rate of 5 l. per Cent. in 100 Years, it was thought necessary to have some Tables constructed upon this Foundation.

The Tables of Simple Interest will be found to be more exact than any hitherto published, and the greatest Care has been taken to make the whole so correct as to be entirely depended upon. Though the Interest is computed only for the Rates of 3, $3\frac{1}{2}$, 4, and 5 per Cent. yet it may be exactly found at the Rates of 6, 7, 8, and 10 per Cent. by doubling either the Sum

A 3

or

Or the Time, and $4\frac{1}{2}$ by looking for 3 per Cent. and adding thereto one Half of the Amount at 3 per Cent.

EXAMPLE.

I want to know the Interest of 900 l. for 87. Days, at $4^{\frac{6}{2}}$ per Cent.

I find it at 3 per Cent. to be £.6:8:8

The Half of which is - - 3:4:4

Which is the Sum required, at $4\frac{1}{2}$ per Cent. - . 13:0

Which Rule will do for any other Sum.

I think it convenient to explain to the Reader the following Tables for Renewing, p. 22, and also for purchasing of Leases, shewing the Values in Years, Quarters, Months, and Decimal Parts of a Month, and to shew how to Add and Subtract those Sort of Valuations; in order to which, I shall shew first, that the Year is divided into 4 Parts or Quarters, every Quarter into 3 Months, and a Month into 10 Parts, called Decimal Parts; fo that at 1 1. per Ann. Rent, it will be 5 s. a Quarter, 1 s. 8 d. a Month, and 2 d. the tenth Part of a Month; and because a Month contains 4 Weeks, it will be 5 d. a Week, so that 5 Decimal Parts of a Month, being equal to 10 d are equal to 2 Weeks; 3 Decimal Parts are but 1 d. above a Week, fo that it is easy to convert the Decimal Parts of a Month into Weeks.

The Reason why I used this Way of Valuation, was, because I thought it most familiar to those who were concerned in purchasing; and

although this Way of expressing the Values is not so exact, as if they were express'd in Decimals, or in Pounds, Shillings, and Pence, &c. yet is the Difference very inconsiderable, although there may be sometimes a Decimal Part of a Month, or thereabouts, either under or over the exact Value, yet is it not to be regarded in this Sort of Bargaining; feeing Men in giving or taking of Fines, are not tied to any particular Rate of Interest so exactly as not to err a Penny or two, although the Rent be but 20 s. per Ann. and therefore when a Fine is required of any Person, either for Renewin, or Purchafing of a Leafe, the Tables will shew exactly enough what Rate of Interest is allowed: So if any have a Mind to give or take a Fine according to a Rate of Interest proposed, they may do. it near enough by the Tables.

How to add together the Fines given in Years, Quarters, Months, and Decimal Parts of a Month.

EXAMPLE.

Suppose I am to add these Fines together, viz. Sum - 6:2:0:3

First, then I begin at the least Denomination, that is at Decimal Parts of a Month, and say, 7 and 6 is 13, I set down 3 and carry 1 for the 10, because 10 Decimal Parts are 1 Month; then I come to the Months, and say, 1 that I carry and 1 is 2, and 1 is 3, I set down 0, and

A 4

carry

carry 1 for the 3, because 3 Months make a Quarter; then I come to the Quarters, and say, that I carry and 3 is 4, and 2 is 6, I set down 2 and carry 1 for the 4. because 4 Quarters make a Year; then I come to the Years, and say, 1 that I carry and 2 is 3, and 3 is 6, which I set down, and so the Sum is 6 Years, 2 Quarters, 0 Months, and 3 Decimal Parts, as in the Example.

How to Subtract one from the other, the Fines given in Years, Quarters, Months, and Decimal Parts of a Month.

EXAMPLE.

Y. Q. M. d.pts.

From - 4:2:1:4

Take - 2:2:2:6

Remains - 1:3:1:8

First, as in Addition, I begin at the least Denomination, and say, 6 out of 4 I cannot, wherefore I borrow 10, because 10 Decimal Parts make 1 Month, and say 6 out of 14, and there remains 8, which I set down; then I come to the Months, and say, 1 that I borrowed and 2 makes 3, then I say, 3 out of 1 I cannot, wherefore I borrow 3, because 3 Months make a Quarter, and say, 3 out of 4, and there remains 1, which I set down; then I come to the Quarters, and say, 1 that I borrowed, and 2 makes 3, then 3 out of 2 I cannot, wherefore I borrow 4, because 4 Quarters make a Year, and say, 3 out of 6, and there remains 3, which

I fet down; and then go to the Years, and fay, I that I borrowed and 2 make 3, then 3 out of 4 and there remains 1; and fo there remains 1 Year, 3 Quarters, I Month, 8 Decimal Parts. These two Examples of Addition and Subtraction being understood, it will not be difficult to do the like with any other of these Sorts of Valuations; and therefore I think it needless to exemplify any farther.

CHAP. I. Of Reversions.

I Shall now proceed to shew both the Construction and Use of a Table of Reversions calculated for several Rates of Interest, and how the Tables following for Renewing are made from it. which are also made for several Rates of Interest, that so both the Landlord and Tenant may the better see when they are well dealt with. This Table of Reversions sheweth the Decrease of One Pound Yearly, according to those several Rates of Interest; or what One Pound due at the End of any Number of Years to come, not exceeding 50, is worth in ready Money, at 3, 4, 5, 6, 7, 8, 9, and 10 per Cent. per Annum.

EXAMPLE.

What is One Pound, due a Year hence, worth in ready Money allowing 5 per Cent. Interest?

For Answer, Let 100 l. with the Interest for a Year added thereunto, be the first Term in the Rule

Rule of Three; 100 l. the second, and 1 l. the third, then

fo is As is to to s. d. q. 105, 100 :: 1 ,95238 or 19 0 2 And by dividing the Quotient ,95238 by 1,05. the next Quotient will be ,907, &c. or 18 s. 1 d. 2 q. for the present Worth of One Pound due at the End of two Years; and fo by a continual Geometrical Proportion decreafing, it comes to pass that 20 s. to be paid 21 Years hence, is worth but 7 s. 2 d. ready Money. that is, 7s. 2d. paid now, will, in 21 Years, at 5 per Cent. per Ann. Compound Interest, increase to 20 s. Now to renew a Lease of 21 Years that hath but I Year lapsed, according to the Rate of 5 per Cent. per Ann. I look in the Table of Reversions against 21, and under the Rate mention'd, I find in the common Angle of meeting, 7 s. 2 d. which is the Fine to be given to renew I Year lapfed in the faid Leafe, Supposing the Rent to be One Pound per Ann.

Suppose again, that there be two Years lapsed in the same Lease, then by the Table of Reversions, p. 16. I find that 201 to be paid 20 Years hence, is worth 71. 6d. 1q ready Money, according to the aforesaid Rate of Interest; now the Sum of these two Reversions, viz. 71. 2d. and 71. 6d. 1q. is the Fine to be paid to make up the Lease 21 Years again, supposing the Yearly Rent to be One Pound; for 141. 8d. \frac{1}{4} paid now, will countervalue the two Years Rent which the Landlord was to receive the two Years after 19, had not the Lease been made up; from which the Reason very plainly appears, why such a Fine should be given to renew such

a Number of Years lapfed, according to fuch

Now although the foregoing Tables for Renewing, are only for Leases of 21, 20, 40, and 10 Years; yet by this Table of Reversions may be made Tables for renewing of Leases for any Number of Years under 50: As for Example, suppose in a Lease of 31 Years, I am to renew 7 Years lapfed, allowing 6 per Cent. Profit; to do this, I take the Sum of the Reversions for 7 Years from 31, counting that as one, 30 as two. &c. back to 25 Years, by which I find the Sum to be 1 1. 7 s. 6 d. 1 q. that is I Year, I Quarter, 1 Month, and 5 Decimal Parts Purchase. which is the Fine to be paid for renewing the 7 Years lapsed required; this being understood, it will not be difficult to do the like for any other Number of Years lapfed, either in this or any other Leafe, and according to any other Rate of Interest.

The Reason, and also Truth, of the Tables, for renewing, will further appear, if you consider the Value of the whole Lease, and from it subtract the Value of the Years lapsed, the Remainder, if right, is the Value of a Lease for so many Years, as there are Years remaining in the Lease; as if 7 Years are lapsed, in a Lease for 21 Years, then there are 14 in essential.

[14]

EXAMPLE.

State of the land	Y. Q. M. d. pts.
The Value of a Lease for 21 Years at 61.	11:3:0:1
per Cent. is	of a seal beauty
The Value of 7 Years lapfed in that Leafe is	2:1:2:6
Which Subtract	9:1:0:5
Kemanis	9.1.0.5

which Remainder is the Value of a Lease for 14 Years at 6 l. per Cent. as by the Table for Purchasing appears; from whence also it is evident, that if the Value of the Years, in essential best fully besured to the Walle of the Whole Lease, the Remainder is the Value of the Years in Reversion.

The Table of Reversions is also useful for purchasing the Reversion of an Estate.

EXAMPLE.

Suppose an Estate whose Fee-Simple, or real Value, is 1001. and it be mortgaged or leased out for 20 Years; what's the Reversion thereof worth at 61 per Cent?

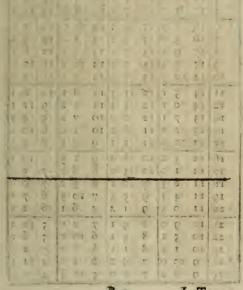
Then, for Answer, I find by the Table the present Worth of 1 l. to be paid 20 Years

hence, is at 6 l. per Cent. 6s. 2d. 3 9.

1 15]

	Z.	2.	ã.	
Then 100 times 6 s. is -	30:	0	: 0	0
And 100 times 2 d. or 200 d. is	s o :	16:	: 8	
And rootimes 3q. or 300 q. mak	es o:	6	: 3	
Sum -	- 31 :	2	: 11	

So that 31 1, 23. 11 d is the present Value of 100 l. to be paid 20 Years hence; which is the Answer to the Question.



1. TABLE of Reversions, shewing what 11 due any Number of Years hence under 50 is worth in ready Money.

15 Worth in ready Money.												
Years	3 p	er C	t	4 p	er G	t.	5 P	r C	t	6 p	er (it.
ers	5.	d.	9.	s.	d.	9	s.	d	9	s.	d.	9
I	19	5	0	19	2	3	19	0	2	18	10	1
2	18	10	0	18	5	3	18	I	2	17	9	2
3	18	3	2	17	9	I	17	3	1	16	9	2
4	17	9	0	17	I	0	16	5	I	15	10	C
$\frac{5}{6}$	17	3	0	16	5	1	15	8	0	14	11	_1
	16	8	3	15	9	2	14	II	0	14	I	С
7 8	16	3	0	15	2	I	14	2	2	13	3	2
	15	9	I	14	7	I	13	6	I	12		2
9	15	3	3	14	0	2	12	10	2	II	10	C
10	14	10	2	13	6	0	12	3	1	11	2	С
11	14	5	I	12	II	3	II	8	1	10	6	1
12	1.4	0	I	12	5	3	II	1	2	9	II	1
13	13	7	1 2	12	6	0	10	7	I	9	4	2
14	13	2 10	0	II	I	2 I	10	1 ~	C	8	10	0
15			_	-	_		9	7	_	-	4	0
16	12	5	2	10	8	0	9 8	8	3	7	10	1
17	12	- 8	3	10	3	0	8		2	7	50	C
	11		3	9			7	3	3	76	7	I
20	11	4		9	5	3 2	7	6	J I:	.6	2	3
-	10		3	8		1		_	-	-		2
21	10	9 5	I	8	9	I	7 6	2	0	5	6	2
23	10	1	2	8	5	I	6	6	0	5 5	2	3
24	9	10	0	7	9	2	6	2	I	4	II	I
25	9	6	2	7	6	0	5	10	3	4	7	3
-	1		-		-		, ,		7		/	2

[17]

I. TABLE of Reversions, shewing what I is due any Number of Years under 50, is worth in ready Money.

Te	17 pe	rC	t.	8 p	+ C	t.	9 p	er (Ct.	100	erCt
Years	5.	d.	9.	5.3	d.	9	5.	d.	4.	5.	d: 9
1 5	18	8	1	18	6	0	18	14	0	18	20
E 2	17	5	2	17	I	3	16	10	0	1.6	6 1
3	16	3	3	15	10	2	15	5	1	15	OI
4	15	3	0	14	8	'I	14	2	O	13	73
5	14	3	0	13	7	1	12	11	3	12	5:0
6	13	3	3	12	7	0	II	II	0	IT.	3: 1
7	12	5	1	11	8	C	10	11	1	10	30
E 8.	13	7	2	10	9	2	10	0	I	9	3.3
9	10	10	2	10	0	0	9	2	I	8	5 3
10	10	2	Ò	9	3	0	8	5	1	7	8.2
11	9	6	0	8	6	3	7	9	0	7	0.0
12	8	10	2	7	11	1	7	1	I	6	4 1
13	8	3	2	7	4	0	6	6	1	5	9 2
14	7	9	0	6	9	2	5	11	3	5	3.0
15	7	2	3	6	3	2	5	5	3	4	9 1
016	6	9	1	5	10	0	5	0	1	4	40
17	6	13	3	5	4	3	4	7	I	3	II I
18	5	11	0	5	0	0	4	2	3	3	70
19	5	6	1	4	7	2	3	10	2	3	3 0
20	5	2	0	4	3	1	_3	6	3	2	112
21	4	9	3	3	11	2	3	3	1	2	801
22	4	6	0	3	8	0	3	0	0	2	51 1
-23	4	2	2	3	4	3	2	9	0	2	2-3
24	3	11	I	3	1	3	2	6	1	2	0. 1
25	1 3	8	0	2	II	0	2	3	3	1	100

PP1 1 1	*		
Lable	1.	contin	ied.

		rila.		.13	J 47.	(5)	0.01	147
Years	1 3 per Ct 4 per Ct.			5 per Ct. 6 per C				
5.43	54	d. q.	Si	d. q.	5.	d. q.	5	d. q.
26	9	3 1	7	2 2	5	7 1	4	4 3
27	9	00	6	11 0	5	4 1	4	1 3 10 3 8 1
28	8	8 3	6	80	5	101	3	8 1
30	8	5 3 2 3	6	4 3	4		3	
	7	11 3	-	11 0	4	7 2 4 3		
3 I 3 2	7		5	8 1	4	2 1	3	3 1
33	7	90	5	5 3	3	11 3	2	11 0
34	7	3 3	5	3 I	3	9 2	2	90
35	7	1 1	5		3	7 2	2	70
36 37 38	6	8 1	4	10 1	3	5 1	2	5 I
37	6	8 1 6 0	4	8 0	3	3 1	2	3 3
39	6	3 3	4		3 2	11 3	2	0 2
40	6	1 2	4	3 3	2	10 0	1	11 1
41	5	II I	4	0 0	2	8 1	1	10 0
42	5	9 1	3	10 0	2	6 3	1	8 3
43	5	7 1	3 3	8 1	2	5 1	1	7 2 6 1
44	5	5 1	3		2	40	1	_
45	5	3 1		5 0	-	-		5 1
. 46	5	I 2	3	3 2 I 3	2 2	0 0	I	4 I 3 2
47 48	4	10 0	3	0 2	1	11 0	I	3 2 2 2
49	4	8 1	2	11 0	I	-	I	
50	4	6 2	2	9 3	1	9 3 8 3	1	1 3

-		*		
'l'a	ble	1.	continued	ш

-	1 May 1 May 2 May												
	Years	17	per	Ct.	18	per	Ct	19	per	_	1	oper	Ct.
1	zrs	1	. d.	9.	5	. d.	9.	15	. d.	g.	5	. d.	9:
1	26	3	, 5	I	2	8		2	1	2	i	8	
l.		3	2	2	2	6	0	1	11	1	1	6	0
l	27	13	0	0	2	3	3	1	9	1	I	4	2
L	29	2	9	2	2	1	3	I	7 6	2	I	3	O
L	30	2	7	2	I	11	3	I	6	6	I	1	3
Γ	31	2	5	1	1	10	0	III	4.	10	IOO	0	3 2
ı	32	2	5	2	1	8 6	I		4 3		0	-11	
	33 34 35	2	1	2	1		3 2	1 0 0	I	3		10	1
	34	2	0	0	I	5	2	I	0	3	0	9	
_	35	I	10	2	I	4	0	0	11	3	0	8	2
-	36	I	9	0	1	3	0		10	3	0	7	3
	37	I	7	2	1	1	3	0	9	3	0	7 6	0
	38	I		I	1	0	3	0	9		0		
	39	I	5	0	0	11	3	0		1	0	- 5	3
_	40	I	4	0	0	11		0	7_	2 0	0	5	-
ı	41	I	2	3	0	10	0	0	76	0	0	4	3
	42	1	I	3	0	9	1	0		1	0	4	
ı	43	I	1	0	0	8	3	0	5	3	0	3	3
	44	0	11	0		7	2	0	5	2		3	2 T
-	45			_	0	_	-	0	4	3	0_	3	
	46	0	10	2	0	6	3	0	4	2	0	3	0
	47 48	0 0	9	3	0			0	4	0	0	2	3
i	40	0	9	2	0	5	3 2	0	3	3 2	0	2	2
ı	50	0	8	0	0	5	0	0	3	1	0	2 2	1
_		_		-	_)	-	-	9	4.		4	U

CHAP. II.

HE first Table which offers itself for Renewing of Leafes, is for the Term of 21 Years, it shews the Value in Years, Quarters. Months, and Decimal Parts of a Month, as all the rest do; the first Part of this Table is calculated at II l. II s. 8 d. 1 q. 3 per Cent. per Ann. Compound Interest; so that the Fine for renewing 7 Years lapsed, on the present Worth of 7 Years in Reversion, not to begin till 14 are expired; is exactly I Year's Value; which Fine, and confequently Rate of Interest, Bishops, Deans and Chapters, Heads and Fellows of most Colleges in both Universities, do observe in Letting and Renewing of their Leases; but at other Rates of Interest, the Fine for Renewing 7 Years lapfed, the Table shews as followeth, viz.

The Fine for Renewing 7 Years lapsed.

	Y. 2.M.d.pt		1. s d.
	5p c.is 2 : 3 : 2 : 0		
100	6p.c.is2:1:2:6	the Table	24:13:4
	7p.c.is2:0:1:0	of Reduc-	20:16:8
at	8p.c.is1:3:0:3	tion at	17:15:0
	9p c.is1:2:0:0		
2	icp.c.is1:1:0:3.	ly Rent, is.	12:15:0

The Years in esse may be valued as a Lease of fo many Years, as in a Lease of 21 Years, if 7 Years are run out, then there are 14 in esse, whose value are as a Lease of 14 Years, and may be found by the Table for Purchasing; or if you subtract the value of the Years in Reversion from the value of the whole Lease, the Remainder is the value of the Years in esse.

To find the value of some of the Years in Reversion, as suppose 3 of the 7, I do thus, because 3 wants 4 of 7, I take the value of 4 Years in Reversion, from the value of 7 in Reversion, the Remainder, is the value of the 3

Years required.

EXAMPLE.

ERON - 0.50 S	r.	2	M.	d.p.
The value of 7 Years in Reversion, at 11 l. 11s. 8 d. }	1:	0	: 0	: 0
The value of 4 Years in Reversion at the same Rate				000
Which Subtract Remains	0 :	2	: 0	: 3

Which Remainder being given for a Fine, will make up the Lease to 17 Years, that is, 3 added to 14.

A TABLE for the Renewing of any Number of Years lapfed in a Leafe for 21 Years.

114 115. 8d												
in	111	11			10	1	C		1	444	C	
	19.	300	erce		3	per	Cen		-	per	Ce	722.
Ye	Years.	121	3	Dec.	Years.	0	Months	Dec.	Years.	2	3	Dec.
21	are	lar	on	c.	ar	iar.	nc	0	215	ar	Months	Ç
a	•	Quarters.	Months.	70	· S	Quarters .	hs		1	Quarters	hs	70
ble		S.	17.1	Parts.		S		Parts		. 8		Parts.
id	-	O. I		· S	VI.		10				ĸ	
IF	0	0	1	2	0	2	0	4	0	Ī	2	2
2		0	2	5	1	- 0	1	0	0	3.	1	7
3	0.0	1-	2	5	1.1	2	1	9	1	1	1	4
4	0	I	2	7	1 2	0	2	0	1	.3	1	3
Years lapled . ~ 5 4 5/6	0	2	1	7 6	2	3	I	9 2	2	I	I	7 4 3 5
6	0	-	0	6		1	2		2	3	I	
7		3		. 0	3	0	I	7 4		1	2	9 5 5 7 2
. 7	Î	0	0	6	. 4	3	0	33.	3	C	0	2
0				-	1 5				14		I	7
10	ĭ	: 1	2	- 57	5	1 2	2 I	- 5	4	2	0	2
II	2	0	0	0657 3388	6	-	-		5			
12	2	. 1	- 1	3		3 2	1	6	5	. 3	2	Ö
13	2	2	2	5	7 8	I	I	5	1	2	1	
114	3	0	I	8		0	2	7	8	I.	0	5
14	2	2	: 1		1 9		2	2	8	0	0	3
15	3			-	8	3	-		-	3	0	4
10	4	0	12	5 5 3	10	3	I	.0	19	2	0	9
17	4	2	1	5	17	2	2	3		I	-	7
	5:	0	5.1	163	112	2	1	.0	I	I	0	Ö
									12	0	. 1	78
-			1	1 5	14	1	2	3	13	0		-
-	ota		alue	-	To	tal	Val		10	tal	Val	
	7	3	0	3	15	1	7	9	14	0	0	3

Ā	TABI	E for	the R	Renewing	of any	Number
	of Y	ears lap	ofed in	a Lease	for 21	Years.

1	-								-	_	-	-
	5 1	ber	Cen	t.	6	per	Cen		7	per	Cen	t.
Years lapfed -	Years.	Quarters.	Months.	Dec. Parts.	Years.	Quarters.	Months.	Dec. Parts.	Years.	Quarters.	Months.	Dec. Parts.
	0		1	3	0	1	0 1 2 0 1	5 2	0	0	2	8
2	0	2	2	8	0	2	1	2	0	1	2	9
3	I	0	1	5	0	3	0	2	0	3	0	3
4	I	2	0	3 8 5 5 8	I	2	1	8	1	I	I	6
3 4 5 6 7 8	2	3	23	-	-	0		2 48 66 95 58 56 1	0 0 0 1 1 1 2		0 1 2	9 3 8 6 7 0 7 7 0 7 8 3 3 8
17	2	2	2	3 0 1 4 1	2 2 3 3	1	0 2 1	6	2	2	I	6
18		3	2	I	2	3	1	9	2	1	I 2	7
9	3 3 4	3	2	4	3	İ	1	5	2		ī	7
910	4	2	0	I	3	3	1	5	3	3 I	1	0
1 I	5	0	I	1	4	1	1	8	3 4 4 5 6	3	0	7
12	5	2· 1·	2	5	4	3	2	5	4	J	0	8
13	6	1		2	5	2	2	0	4	3	I	3
14	5 56 7 7		0 2	4	4 4 5 6 6	2	I	T	5	1	0 0 1 2	3
13 14 15 16	8	2		7		2	-0	-6	6	2		8
	9	1	2	1 5 2 4 9 9 3	7 8	1 3 1 3 2 0 3 2 1	0	50			2	
17	10	I	I	I	9	Ó	0	0	8	1 0	2	5
119	10		2		9	3	2	8.		0	2 2 0	3 5 3 8
20	1.1	33	1	5	10	3 3	10] 8.	9	3		
	Tot	al V	alu		To	ot. T	Valu	ie,	Го	t. 1	Val	
	12	31	0	8	11	1 3	10	- I	10	1 3	I	P

	A TABLE for the Renewing of any Number of Years lapfed in a Leafe for 21 Years												
-	A	TA	Yea	e fo	r th	e Red in	enev	wing Lea	g of	an r 2	y N ı Ye		bei
I		8		Ce	nt.	19	per	Ce	nt.	10	per	· Ce	nt.
	Years tapfed.	Years,	Quarters.	Months.	Dec. Parts.	Years.	Quarters.	Months.	Dec. Parts.	Years.	Quarters.	Months.	Dec. Parts.
I	1 2 3 4 5 6 7 8 9 0 11 2 3 4 5	000111122233445	0 1 2 3 0 I 3 I 3 I 3 I	2 2 1 1 2 2 0 1 2 1 0 0 0 0 0	4 0 7 7 0 5 3 3 8 5 7 2 2 7 7	0 0 0 0 0 0 I I I 2 2 2 3 3 4 4	1 2 2 3 0 2 3 0 1 3 1 3 1 3	1 1 0 2 2 2 0 0 1 2 1 0 0 0 0 0	91 4 9 7 7 0 6 5 8 4 5 0 1 6	0000011112223334	0 1 1 2 3 0 1 2 3 0 2 3 1 3	1 0 2 1 0 0 0 1 1 0 0 0	6 4 3 5 8 4 3 5 0 8 0 6 7 3 4
1 1 2	16 6 0 0 3 5 1 1 8 4 3 1 2 1 7 6 2 2 4 6 0 0 3 5 1 2 7 1 8 7 1 2 3 6 3 0 1 6 0 1 9 1 9 1 9 1 9 1 9 1 9 1 9 1 9 1 9 1												
3		-	ol	ol	2	To	t. V	alu	e. 7	To	t. V	alu	7
-	-	-1	-	11	- 18 1	/1	1		/11 1	-		-	

CHAP. III.

Of renewing Leases.

HE next Table for Renewing of Leafes, is for the Term of 40 Years, it is calculated according to feveral Rates of Interest, and, in it's manner of using, differs not from the other, nevertheless an Example will be convenient, which therefore I shall give; as suppose there be 14 Years lapsed, or run out, in a Leafe for 40 Years, what must I give to make up this Lease again, according to those several Rates of Interest signified by the Table? That, is, what must I give for 14 Years in Reversion, after 26 in esse? Or, what's the present worth of 14 Years, beginning 26 Years hence? For answer, I find by the Table that the Fine for Renewing 14 Years lapsed.

	Y. Q. M.d.p	ts.	2.	s.	d.
(3 p. c. is 5:0:2:8)		53		
	4p c. is 3:3:0:7		38		1
	5 p. c. is 2:3:0:4				
	6 p. c. is z:0:0:5				
at (7 p. c. is 1 : 2:0:1	of Reduc-	15	10:	:8
	8 p. c. is 1:0:1:3	tion at	11:	10	:8
	9 p. c. is 0: 3:0:9	101. year-	8	:05	:0
	10p.c. is 0: 2:1:4	ly Rent, is	6:	:03	:4
	(12 p. c. is 0:1:1:1))	3	:08	:4

C

The Years in effe, as was faid before, are valued as a Lease of so many Years, as in a Lease for 40 Years, if 14 Years are run out, then there are 26 in effe, whose Value are as a Lease of 26 Years, and may be found by the Table for Purchasing, &c.

The Value of some of the Years in Reverfion, may be found in this Lease, by the same Rules that they were found by in the foregoing Leases; as if it were required to find the Value of 6 of the 14 Years in Reversion in this Lease of 40 Years; then because 6 wants 8 of 14, I take the Value of 8 Years in Reversion, from the Value of 14 in Reversion, and the Remainder is the Value of the 6 Years required, which will make the Lease up to 32 Years.

A TABLE for the Renewing of any Number of Years lapsed in a Lease for 40 Years.

	3	per	Cen	nt.	4	per	Cent	-11		per	Cen	t.
Years lapfed.	Years.	Quarters	Months.	Dec. Parts.	Years.	Quarters.	Months.	Dec. Parts.	Years.	Quarters.	Months	Dec. Parts. 17 5 4 13 4 5 8
1 2 3 4 5 6 78 9 0	0 0	1	0	7 5 4 4 5 8 2	0	0	2	5186567040755,70	0 0	0 1	I	7
2	0 0	3	2	5	0	1 2	2	8	0	1	0 2	5
4	1	1	0	4	0			6	0	2	1	3
5	1	2	1	5	1	3	1	5	0		0	4
6	1	3	2	8	I	1	I	6	10	3 0	2	5
7	2	•	1	2	1	2		7	1	0	I	
8	2	2	2	7	I	3 0	2	0	I	1 2	1	7
9	3 3 4	0	I	7 4 2	2	0	2 0	4	1		0	
	3	2	0		2	2		0	1	3 0 1	0	4 2
11	3	3	2	1 2 4 8	3 3 4	3	0	7	2	0	0	2
12	4	1	I	2	3	0	2	5	2		0	1
13	4	3	2	4	3	1	0	5	2 2	2	0 0	2
15	5	2	2	4	1 3	3	2	0		3 0	0	4 7
13 14 15 16	4 5 5 6 6	0	2	1		2	0		3 3 3	1	1	2
	6	2	2	0	4	2	2	2	3	2	2	0
17		C	2	0 1 4 8	4 4 5 5 6	3	2	5 2	3	3	2	
19	7 7 8	2	2	4	5		0	2	1 4	1	1	0
20	8	0	2	8	6	3 0	2	4	4	2	2	9 0 3

Continued page 30.

A Table for the Renewing of any Number of Years lapled in a Leafe for 40 Years.

1												
	61	ber	Cen	t.	17	per	Cen	t.		per	Cen	t.
Years lapsed - 2 3 4 5 0 78 9 9	Years.	Quarters.	Months.	Dec. Parts.	7 Years.	Quarters.	Months.	Dec. Parts	Years.	Quarters.	Mon-hs.	Dec Parts.
ī	0	0	ī	2	0	0	0	8	0	0	0	518 52 0 98 90 2 48
2	0	0 0	2	4	C	0 0 0 1	0 I 2 0	7	0	0000	0	- 1
3	0		0	7	C	0	2	6	0	C	í	8
4	00000	1 2	0 2 0	2 4 7 1 6	C	1	0	6	00000	0	2	5
_5	-		_	_	-		1	0			0	2
6	0	2	-2	1	C	1 2	2.	7	0	1	I	0
7	0 0 0	3 3	0 2	8	C	2	0	9	0	I 1	I 1 2	9
0	ī	0	1	5	0	2	0	6	0	2	0	
10	1	1	0	4	0	3	2 0 2 0 2	7 6 6 6 7 9 2 6 1	0	2	0	9
11	-	-	-	1 8 5 4 4 5 7 0 5 1	0 0 0 0 0 0 1 1 1 1	3 3 0	-	6	00000001			-
11	I	2	2	7	1	0	0 2 1	6 3	0	2	1	4
13	I	2 3 0	1	o	1	0	1	I	0	3 3 0	0 1 2 1	8
14	2	0	0	5	1	2	0	1	1	0		3
13 14 15 16	2	I	0		1	2	2	1		1	0	0
16	2 2	1	2 2	9 0 4 0	1	3	I	3	1		I	3 0 7 6 6 8 3
17		2	2	9	2 2 2 2	0	0 0 2 2	3 7 2		2	0 2	6
18	3 3 3	0	0	0	2	I	0		1 1 2	2	2	6
19	3	1	0	4	2	1 2	2	9 8	I	3	1	8
20	3	2	10	i çi	1 2	1 2	2	8	1 2	0	1	31

Continued page 31.

A TABLE for the Renewing of any Number of Years lapfed in a Leafe for 40 Years.

1	9	per	Cen	t.	10	per	r Cé	nt.	12	per	Ces	nt:
Years lapfed.	Years.	Quarters.	Months.	Dec. Parts.	Years.	Quarters.	Months.	Dec. Parts.	Years.	Quarters.	Months.	Dec. Parts.
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18	000000000000000000000000000000000000000	00000011112223330001	0 0 1 1 2 0 1 2 0 1 2 0 2 0 0	48 2 7 3 9 5 2 9 8 7 7 8 9 2 6 1 8	000000000000000000000000000000000000000	000000000000000000000000000000000000000	0 0 0 1 1 2 0 0 1 2 0 1 2 0 1 0 1 0 0 1 0 0 0 0	2 5 8 2 6 0 5 0 5 0 5 2 2 9 6 4 4 4 5 7 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	000000000000000000000	000000000000000000000000000000000000000	0 0 0 0 0 1 1 1 2 2 0 0 1 1 2 0 1 1	1 3 4 6 8 0 2 5 8 2 6 1 7 4 2 1 7
19	ont	1 2	2	6	32	1	0	5 2	0	3	2	1 2
	JUIIL	mu	cu j	age	32		3 .					

A TABLE for the Renewing of any Number of Years lapfed in a Leafe for 40 Years.

1-	12	per	Cen		1		Cen	4 1	1	-	ham 6	Cent	
-	-	067			41	ber		-	١	3/	er (-	- 1
Years lapfed ~	Years.	Quarters.	Months.	Dec. Parts.	Years.	Quarters.	Months.	Dec. Parts.		Years.	Quarters.	Months.	Dec rart.
21	8	3	0	5	6	2	1	9	1	5	0	0	,
22	9	3	1	5	7	0	1	9	١	5	1	2	5
23	19	3	2	4	7	2	1	5	ł	5 5 6	3	1	5.5
24	10	2	0	4 6	7. 7 8 8	0	1	5 7	ı	6		C	
25	II	C	2	I	8	2	2	I	1	6	3	0	3.
26	11	3	0	8	9	0	2	8	١	7 7 8	1	0	1
27	12		2	7	9	3		7 9 4		7	3	0	1
	13	С	I	7 9 3 0	10	_	I	9		8		0	4
29	13	3	1	3	i I	0	0	4		8	3	1	1
30		2	1	-	II	2	2	2	ı	9		2	1
31	15	1	0	9	12	I	1	3 7 5 6	ı	IÓ	0	0	5
32	1.6	C	1	1	13	0	0	7	ı	10	2	2	2
33	16	3	I	6	13	3	0 0	5	I	11	0	1	3
134	17	2	2	4	14	2			ı	12	1	0	9
35	18	2	0	4 8	15	1	I	I	ı	12	3	0	2
36	19	1	I	1 1	16	0	2	0	ı	13	2	1	3
137	20	1	0	4	17	0	0	2	۱	14	1	2	5 2 3 9 9 3 2 6
38	21	C	2	4	17	3	1	9		15	I	0 2	
39) c	1 1	17	18	3	1	0	1	-	10	_	_5
1	Tot		alu		[0	tal	,	lue	1	-	otal	Val	-
1_	23	0	I	4	119	3	0	5	1	17	10	1	10

[31]

A Table for the Renewing of any Number of Years lapfed in a Leafe for 40 Years.

1	16	per	Cen	t	171	per	Cen	t.	18	per	Cen	it.
Years lapfed.	Years.	Quarters.	Months.	Dec. Parts.	~ Years.	Quarters.	Months.	Dec. Parts	Years.	Quarters.	Months.	Dec. Parts.
21	3	3	I	6 6 8	2	3	2	9	2	I	0	9
22	4	0	2	6	3	_	0	3	2	2	0	9 7 7
23	4	2	0		3	2	0	9 3 8 6	2	3	0	
24 25 26	4	3	2	3	3	3	1	0	2 3 3 4 4 4 5	0	0	9
25	5	1	1		4		2	7	3	1	1	4
	5	2	3	8	4 4 5 5 6	2	1	o 7 6	3	2	2	1
27 28	6	0	2	1	4	3	2	7	4	0	0	1
	6	2	I	7	5	I	I	0	4	I	I	5
29	7	0	1	7 7 0	1 5	3	0	0	4	3	0	3
30	7	2	2			8	_	-/-	1-	0	2	4
31	8	0	2	7 8	6 7 7 8	3	0	7 8 3 3 8	5 6 6 7 7 8	2	2	0
32	8	3	0		1 /	I	2	3	6	0	2	0
33	9		2	3 8	8	3 2	0	3	0	2 I	2	5 0
34	IO	0	0	8		0	2	8	7		2	5
$\frac{34}{35}$ $\frac{35}{36}$		3 2		_	9	-	_	_	1-0	3	-	-
	II	2 I	0	7 2	10	3	2	3		2	I	2
37 38	12	0	2		II	2	2	5	9	1 0	I	6
	13	0	1	3				2	10 3 2 9			
39 T	ota		alue		Total Value.				11			9
1			_	_	1 -	-		_				
	5	0	0	3	1 3	I		C	II	_3	2	10

[32]

A TABLE for the Renewing of any Number of Years lapsed in a Lease for 40 Years.

1	1	er (Cen	1 [1.0	f ci	Lien	11.		12	per	Cen	1.
Years lapfed.	Years.	Quarters.	Months.	Dec Part:	Years.	Quarters.	Months.	Dec. Parts.		Years.	Quarters.	Months.	Dec. Parts.
21	I	3	0	70	1	I	1	8	ı	0	3	I	4
22	2	0	O		I	2	0	8	ı	0	3 0	2	9
23	2	0	2	5 3 3 6	I	3	0	C	ł	1		1	4
24	2	1	2	3	1	3	2	4	1	1	I	0	2
25	2	2	2	3	2	0	2	1	ı	1	I	2	1
26	2	3	2	6	2	1	1	8	ı	1	2	1	3
27	3	1	0	2	2	2	2	0	ł	1	3	0	3 7
28	3	2	I	I	2	3	2	4	ı	2	_	0	5
29	3	3	2	4	3	1	0	3	ı	2	I	0	_
3C	4	1	1	1	3	2	-1	5	≣	2	2	1	0
31	4	3	0	I	3 3 4 4 4 5 5 6	0	0		۱	2	3	I	9
32 33 34	5	0	2	6	4	I	2	2	ı	3	1	0	2
33	5 6	2	2	7	14	3	I	8	ı	3	2	2	0
34		1	0	2	15	I	I	9	1	4	0	I	5
35	6	3	1	4	1-5	3	2	9 7	ı	4	2	1	0
36	7 8	2	0	2		2	I		ı	.5	0	2	4
37		0	2	70	7 8	I	0	4		5	3 2	1	0
1- 1	8	3	3		8	0	0	4	ı			0	6
39	9	31	I	С	1-	3	I	3		17.	1	1	I
	l'ot	al \	/alu	e.	110	tal	Val	ue.		To	tal '	Val	ue
	10	1 3	10	I	C	3	01	2		8	10	2	8

CHAP. IV.

Of the Reduction of the Values given in Years, Quarters, Months, and Decimal Parts of a Month, into Pounds, Shillings, and Pence.

Example.

Suppose the Fine for Renewing any Number of Years lapsed in any Lease to be 6 y. 2 q. 2 m. 4 d p. and the yearly Rent 55 l. What is this Fine in Pounds, Shillings, and Pence? Then by the Table I find

				5.	-
against 501.	under	2 Quarter	3 25	: 00	: 0
against 50 %.	under	2 Months	8	: 06	: 8
	under	4 Dec Pa	rts I	: 13	
	under	2 Quarters	2	: 10	: 0
against 5 1.	under	2 Months	0	: 16	: 8
	under	4 Dec. Pa	rts o	: 03	: 4
			-		
		0 . C . 11			

Sum of all is 38: 10: 0

Then for the 6 Years Value, I fay, 6 times 56 l. is

330 l. 330 l.

Which added to 38 l. 10s. } 368: 10:0

which is the Value reduced into Pounds, Shil lings, and Pence, required.

Suppose

[34]

Suppose again the Fine for Renewing any Number of Years lapsed in any Lease, to be 2 y. 3 q. 2 m. 9 d. p. and yearly Rent 156 l. then what is this Fine in Money? For answer I say, twice 156 l. is 312 l which is the 2 Years Value, then by the Table I find

		2.	3.	d.
(under 3 Quarters	75	: 00	: 0
against 1001.	under 3 Quarters under 2 Months under 9 Dec. Par	16	: 13	: 4
	under 9 Dec. Par	ts 7	: 10	: 0
(under 3 Quarters	37		:. Q
against 501.	under 2 Months	8.	: 6	: 8
	under 9 Dec. Par	rts 3	: 15	: 0
1 - 8 - 0 - 0	under 3 Quarters	-4	: 10	: 0
against 61.	under 2 Months	1	: 0	: 0
	under 9 Dec. Par	rts o	: 9	: 0
	Sum is			
The 2 Years Value add, viz. 312:00:0				
	mi o ·			
	The Sum is	400	: 14	: 0

Which is the Fine reduced into Money required; in like manner is any other Fine reduced, at any other yearly Rent from 1 1. to 700 1. a Year; or if it be more, it but adding, after the fame Manner as is done in the Examples, as suppose the Rent to be 800 1. per. Annum, then I must find the Values for 700 1. and for 100 1. and add them together, &c.

[35]

A Table for the Reduction of the Values given in Years, Quarters, Months, and Decimal Parts of a Month, into Pounds, Shillings, and Pence.

Rents.	Yearly	3 Qua	rters.	2 Q-18	rters.	1 Q1	arter.
ts.	₹ .	1.	s. d	1.	s. d	1.	s. d.
1.	I	0	15 0	0	10 0	0	50
	2		10 0	1	00	0	10 0
	3	2	50	1	10 0	0	15 0
	4	3	00	2	00	1	00
	5	3	150	2	100	I	50
	6	4	10 0	3	00	1	10 0
	7 8	5	50	3	100	I,	150
-	_		00	4	00	2	00
	9	6	15 0	4	10 0	2	50
	10	7	10 0	5	00	2	10 0
	20	15	00	10	0 0	5	00
	30	22	10 0	15	00	7	100
	40	30	00	20	0 0	10	00
	50	37	10 0	25	0 0	12	100
	-	45	00	30	00	15	00
	70	52	100	35		17	10 0
	80	60	00	40		20	100
	90	67	10 0	45		22	
	00	75	0 0	50		25	
	00	150	00	100		1-	-
	00	225	00	150		1 /)	
	100	300		200		1.30	
	00	375	00	1		1	
	000	450		1 -		1	
1	700	1 525	00	350	0 0 0	1175	0.0.

[36]

A TABLE for the Reduction of the Values given in Years, Quarters, Months, and Decimal Parts of a Month, into Pounds, Shillings, and Pence.

1			
Yearly Rents.	2 Months.	f Menth.	9 D. Parts.
2.4	1. s. d	1. s. d.	l. s. d.
1. 1	0 3 4	0 18	0 16
2	0 6 8	0 3 4	0 3 0
3	0 10 0	0 5 0 0 6 8	0 4 6
4	0 13 4		0 6 0
$\frac{5}{6}$	0 16 8	0 8 4	0 7 6
	1 00	0 10 0	-0 90
7 8	1 3 4	0 11 8	0 10 6
	1 68	0 13 4	0 12 0
9	1 10 0	0 15 0	0 13 6
-			
20	3 6 8	1 13 4	1 10 0
30	5 0 0 6 13 4	2 10 0	2 5 0
40	6 13 4 8 6 8		-
50	10 0 0	4 3 4 5 0 0	3 15 0
70			
80	11 13 4	5 16 8 6 13 4	5 50
90	15 00	- 1	6 15 0
100	16 13 4	7 10 0	7 10 0
200	33 68	16 13 4	15 00
300	50 00	25 00	22 10 0
400	66 13 4	33 68	30 00
500	83 68	41 13 4	37 10 0
600	100 0 0	50 00	45 00
700 1	116 13 4	58 681	52 10 0

[37]

The TABLE of Reduction continued.

Yearly Rents.	3 D	Par	ts.	2 D	, Pa	rts.	, D	. Par	te	5.	D. Pa	rts
Yearly Rents.	1.		d	1.	s.	đ	1	5.	d.	1.	5.	<u>d</u> .
	-		-						_	-		
/. I	0	1	4	0	I	2	ó	1	0	0	0	FO
2	0	2	8	0	_2	4	0	2	0	0	1	18
3	0	4	0	0	13	6	0	3	0	0	2	6
4	0	5	4	0	4	8	,0	4	0	0	3	4
5	0	6	-1	0	5	10	0	5	0	0	4	12
6	0	8	0	0	7	0	0	6	0	0	5	0
7	0	9	4	0	8	2	0	7	0	.0	5	IC
8	0	10	8	0	9	4	0	8	0	0	_	8
9	0	12	9	0	10	6	0	9	0	0	.7	6
10	0	13	4	0	11	8	0	10	0	0	8	4
20	1	6	,8	ı	3	:4	I	0	0	0	16	8
30	2	0	0	/I	15	0	I	10	0	I	5	0
40	2	13	4	2	6	8	- 2	0	0	I	13	4
5°	-3	6	8	2	18	4	2	10	0	, 2	I	8
60	4	0	0	3	10	0	3	0	0	2	10	0
70	4	13	4	4	I	8	3	10	0	2	1.8	4
8c	5	6	18	4	13	4	4	0	0	-3	6	4
90		0-	0	5	5	0	4	10	C	-3	15	0
100	6	13	4	5	16	8	5	0	0	-4	3	4
200	13	6	8	II	13	4	10	0	0	8	6	8
30¢	20	0	C	17	10	Ó	15	0	0	12	10	0
400	_	13	-	23	6	8	20	0	0	16	13	- 4
500		6	18	2,9	3	;4	25	0	0	20	16	8
60c		0	C	35	0	0		- 0	.0	25	0	0
7.00	146	13	:4	40	16	8	135	0	C	129	3	4

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The TABLE of Reduction continued.

				_		_				-			
1	Rents.	41	D. Pa		- I). Pa	irts.	-). Pa	rts.	1	D. P	art.
1	.8.	Z.	5.	d	1.	s.	d.	1.	s.	d.	1.	. 5.	d
1	1.	1 0	0	8	0	0	6.6	0	0		0	0	2
1	1	2 0	1		0	I		0	0		0	0	4
1	3	3 0		0	0			0		0	0		6
1	4	1 0		_	0			0		4	0		8
1	5	0	3	4	0	2	6	0	I	8	0	0	10
-				0	0	3	0	0	2		0		0
1	7 8	0	4	8	0	3	6	0	2	4	0		2
1			5	4	0	4	0	0	2	8	0		6
1	9		0	0	0	4	6	0	3	0	0	1	
L	10	-	6	8	0	_ 5	0	0	3	4	0	I	8
-	20		13	4	0	10	0	0	6	8	0	3	4
1	30	1	0	0	0	15	0	0	10	0	0	5	8
	40	1	6	8	1	0	0	0	13	4 8	0 0	8	
1	50 60	2	13	4	I	5	0	0	0	0	0	10	4
-	_		0				-1				_		
	70	2	6	8	I	15	0	I	3	4 8	0 0	11	8
	80	2	13	4 0	2	0	0	1	10	0	0	13	4 0
	90	3	6	8	2	5	0		13	4	0	16	8
	200	6	13	4	5	0	0	3	6	8	1	13	4
-	-	10		7	7.	10			0	0	2	10	0
	300 400	13			10	0		5	13	4	3	6	8
-	500	16		4 1				8	6	8	4	3	4
-	600	20			5		- 1	0		0	5	o	0
	700	23		- 1-	,	10	0/1	1 1	13	4	5.	16	8
-		-	-	-	-								

CHAP. V.

Of Annuities on Lives.

THE Way of Purchasing by Lives was commonly to reckon one Lise as a Lease of 7 Years, two Lives as a Lease of 14 Years, and three Lives as a Lease of 21 Years: But this Way seeming unequal, there is another Way which is more agreeable to Reason, and it is this; viz. for every Lise to decrease one Year, as if one Lise be reckoned as a Lease for 10 Years, then two will be as a Lease of 19, and three as a Lease of 27 Years, &c. so that at 7 l. per Cent. one Lise is reckoned worth a little above 7 Years Purchase, two Lives 10 Years, 1 Quarter, and 1 Month's Purchase, &c. as the Table for Purchasing of Lives, page 42, sheweth.

So if you reckon one Life as a Lease of 9 Years, then two will be as a Lease of 17, three as a Lease of 24, &c. as is evident by the Table; and one Life will be worth above 6 Years and 2 Quarters Purchase; two Lives 9 Years and 3 Quarters Purchase; three Lives 11 Years, 1 Quarter, 2 Months and 6 Deci-

mal Parts, Purchase, &c.

So if one single Life be reckoned as a Lease of 12 Years, then two will be as a Lease of 23, three as a Lease of 33 Years, &c. so that at 6 per Cent. one Life is worth above 8 Years and a Quarter's Purchase, two Lives above 12

D 2 Year

Years and a Quarter's Purchase, &c. as the

Table page 42 shews.

Now suppose any of those Persons which have their Lives upon an Estate should die, to take in others to make up the Number again, is done by the Table of Reversions at the Beginning of the Book: Example, suppose there be three Lives upon an Estate, which at 7 Years Purchase for the first Lise, are valued at almost 12 Years Purchase, and as a Lease of 27 Years, at 7 l. per Cent. and if one of those Persons should die, what must be given to make up the Number again? Then I fay, one Life which is dead was as a Leafe of 10 Years, and therefore to take in a new Life, I may reckon 10 Years of the 27 lapsed, and so take as it were a Fine for renewing 10 Years lapfed in a Lease of 27 Years: Now to find this Fine. I take the Sum of the Reversions for 10 Years in the Table under 7 1. per Cent. counting 27 as 1, 26 as 2, 25 as 3, &c. and fo I find the Sum to be 21. 4s. 4d. 2q. that is 2 Years, and almost 1 Quarter's Purchase, which I may take for renewing or taking in a new Life; so if two Lives be dead, I may reckon 19 Years lapsed in a Lease of 27 Years, and find the Sum of the Reversions for 19 Years, for a Fine for taking in two Lives: But if there be 4 Lives upon the Estate then at 7 l. per Cent. and at 10 Years for one Life, they will be reckoned as a Leafe for 34 Years, and so I must begin at 34 to sum the Reversions, or at 30 if one Life be reckoned as a Lease of 9 Years; and then if one Life be dead, I must reckon o Years lapsed

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in a Lease of 30 Years; if 2 Lives are dead I must reckon 17 Years lapsed in the same Lease, and if a are dead I must reckon 24 lapsed: So at 6 1. per Cent. reckoning 1 Life as a Lease of 12 Years, 3 Lives are as a Lease of 33 Years, and so if I of these Lives be dead, I may reckon 12 Years lapfed in a Leafe of 33 Years. if 2 Lives are dead, I may reckon 23 Years lapsed in the same Lease, and begin at 33 to sum the Reversions, under 6 l. per Cent. because the Lives are valued according to the same Rate of Interest. This being understood, it will not be difficult to do the like for any other Number of Lives, and at other Rates of Interest, and Number of Years for 1 Life; for you may by the Table for purchasing of Leases, &c. make Tables for purchasing of Lives according to what Rate of Interest you think is most convenient; as suppose you reckon one Life as a Lease of 10 Years, and you would have 5%. per Cent. profit, then that will be worth 7 Years and almost 3 Quarters Purchase, but at 8 1. per Cent. it is worth but 6 Years, and almost 3 Quarters Purchase, &c.

A TABLE for the Purchasing of Lives.

1×	at .	Decimal Parts.	10	-	9	00	13	17	4	9	7
they	worth er Cen	Months.	10	0	7	-	7	10	77	0	
What	wo	Quarters.	10	3	-	-	3	-	-	2	2
3	are 8	Years.	9	6	=	12	12	13	13	13	13
	Nı	omber of Years.	10	17	24	30	35	39	42	44	45
	Nı	imber of Lives.	-	2	3	4	2	9	7	00	6
cy	at nt.	Decimal Parts.	100	C	9 .	-	6	12	7	3	9
3	worth	Months.	0	-	23	-	0	-	0	-	Н
		Quarters.	0	-	3	3		12	3	3	33
3	7	Years.	1	0	I	12	12	13	13	13	13
	No	imber of Years.	0	19	27	34	40	45	49	52	54
	Nu	mber of Lives.	н	2	3	4	v	9	7	∞	6
, X	at.	Decimal Parts.	9	9	9	7	7	∞	00	7	0
th	Cer	Months.	-	0	N	7	2	0	13	-	43
hat	Se r	Quarters.	-	-	-	0	77	0	0	-	F
>	are 67	Years.	000	12	14	15	15	16	91	91	16
	No	mber of Years.	12	23	33	42	20	57	63	89	72
	Nu	mber of Lives.	-	2	3	4	5	9	1	00	0
hat	Z 6 per	Years. mber of Years.	1 1 8	2 23 12 1 0 6	3 33 14 1 2 6	44215 0 2 7	2	0	_	8 68 16 1 1 2	12 1 91

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CHAP. VI.

Of Annuities on Lives.

HE Learned Dr HALLEY, in Number 196 of the Philosophical Transactions, published a Table of the Values of Annuities upon fingle Lives, computed for an Interest of 61. per Cent. for Money; but as fince that Time Interest is reduced to 41. per Cent. in our Government Securities, the following Table is computed for that Rate of Interest.

Age.	Purchase Yrs. Pts.	Age.	Purchase Yrs. Pts.	Age.	Purchase Yrs. Pts.
1	11,89	25	14,80	50	10,45
5	16,65	30	13,96	55	9,55 8,40
15	16,53	40	12,29	70	7,12 5,70

By this Table it appears, that an Annuity for the Life of a Person of 25 Years of Age, is estimated at 14 \$00 Years Purchase; i. e. One Pound per Annum, is reckoned worth 14 l. 16 s. Ten Pounds per Ann. is worth 148 l. And 100 l. per Annum is reckoned worth 1480 l. &c.

But it ought to be observed, that according to our Weekly Bills, very near half the Persons that are born in London die under Five Years of Age: And the Hazards of Persons between 15 and 25 are so many, that an Annuity may in

Fact

Fact be purchased cheaper upon a Life under 25, than upon the Life of a Person of 30 or 40 Years of Age: And therefore I reckon, 14 or $14\frac{1}{2}$ Years Purchase to be the full Market-Price for the best Life.

For combining two or three Lives together, and for finding the Values of renewing in such Combinations, I will make use of the Rules laid down by Mr De Moivre, in his Treatise of Annuities upon Lives.

PROBLEM I.*

The Values of two fingle Lives being given to find the Value of an Annuity granted for the Time of their joint Continuance.

SOLUTION.

1. Multiply together the Values of the Lives, and the Product again by the Rate of Interest, and let the new Product be made the Numerator of a Fraction.

2. Add Unity to each of the fingle Values, and let these two Values thus increased by Unity be multiplied together, and from the Product substracting the Numerator before found, let the Remainder be made the Denominator of the said Fraction.

3. Divide the Numerator by the Denominator, and the Quotient will be the Value of an Annuity to continue so long as both the Lives together are in Being.

Thus

Vide M. De Moivre's IVth Problem, p. 32.

Thus it will be found, that if two Lives fingly taken, be respectively worth 8 and 10 Years Purchase, the Value of an Annuity upon the two joint Lives, will be worth 5,6 Years Purchase, allowing 5 per Cent. for Money, as will appear by the following Operation.

8 Value of the first Life. 10 Value of the second.

Product 80 Which multiplied by the 1,05 Rate of Interest

84 new Product, Numerator of the Fraction.

9 First Value increased by 1.
11 Second Value increased by 1.

Product 99 Substract. 84 Numerator first found.

Remaind. 15 Denominator of the Fraction.

Fraction 34

15) 84 (5,6 Values of the two joint Lives. In the same Manner, it will be found that if the Values of the single Lives were respectively 9, and 9 Years Purchase, the Value of an Annuity upon the two joint Lives would be 5.69.

PROBLEM II.

The Values of two fingle Lives being given, to find the Value of an Annuity upon the longest of them; that is, to continue so long as either of them is in Being.

SOLUTION.

1 46 I SOLUTION.

From the Sum of the Values of the fingle Lives, substract the Values of the two joint Lives found by the preceding Problem, the Remainder will be the Value of the Annuity reavired.

Thus if the two fingle Lives taken be respectively worth 8 and 10 Years Purchase, the two joint Lives by the preceding Problem will be

worth 5,6; therefore,

From the Sum of the Values of the \ 18.0 two fingle Lives, viz. Substract the Value of the two joint } Lives, viz.

The Remainder is which is the Value of an Annuity upon the longest of them.

PROBLEM III.

The Values of three fingle Lives being given, to find the Value of an Annuity granted for the Time of their joint Continuance.

SOLUTION.

- 1. Multiply the Values of all the fingle Lives together, and the Product again by the Square of the Rate of Interest, and let the Product be made the Numerator of a Fraction.
 - 2. Add Unity to each of the fingle Lives, and let all the Values thus increased by Unity be multiplied

multiplied together; and from the Product subfiracting the Numerator before found, let the Remainder be made the Denominator of the same Fraction.

3. Divide the Numerator by the Denominator, and the Quotient will be the Value of an Annuity upon the three joint Lives.

Thus it will be found, that if three Lives fingly taken, be respectively worth 8, 10 and 12 Years Purchase, the Value of an Annuity upon the three joint Lives, will be 4,63, as will appear by the following Operation.

8 Value of the first Life.

10 Value of the second.
12 Value of the third.

960 Product of the 3 Values, which multiplied by 1,1025 Square of 105 the Rate of Interest.

New Prod. 1058,4 Numerator of the Fraction.

9 Value of the 1st. Life increased by 1.

13 Value of the 3d. increased by 1.

Prod. 1287 from which substracting

Rem. 228,6, Denominator. Fraction 1058,4

228,6) 1058,4 (4,63 Value of the three joint Lives.

PRO-

[48] PROBLEM IV.

The Values of three single Lives being given to find the Value of an Annuity upon the longest of them.

SOLUTION.

From the Sam of the Values of the fingle Lives, substract the Sum of the Values of all the joint Lives combined Two and Two; to the Remainder, add the Value of the three joint Lives, the Sum will be the Value of an Annuity upon the longest of them.

Thus, if the three fingle Lives taken be refpectively worth 8, 10 and 12 Years Purchase, it will be found that the Value of an Annuity upon the longest of them will be worth 15,4 Years Purchase, as will appear by the following Opera-

tion.

8 Value of the first Life. 10 Value of the second.

12 Value of the third.

30 Sum of all the fingle Values.

5,6 Value of the 1st and 2d taken jointly, as may be deduced from the first Problem. 6,22 Value of the first and third.

7,41 Value of the second and third.

Two and Two; which being substracted from 30, Sum of all the single Values,

Remains 10,77, to which adding

4,63 Value of the three joint Lives.

Sum 15,40 Value of the Annuity upon the longest Life.

In

In the same manner, it will be found that if three single Lives were respectively valued at 10 Years Purchase, the Value of an Annuity upon the longest of them would be 15,14 Years Purchase.

Though the foregoing Problems will very eafily be apprehended by every one that understands the common Rules of Decimal Arithmatick, yet that I may facilitate the Operations as much as possible, I have computed the following Tables for Lives of equal Values.

TABLE I. Reckoning Money at 5 per Cent.

One Life.	jointly.	3 Lives jointly.	Longest of 2 Lives.	Longest of 3 Lives.
Yrs. Pur.	Yrs. 100	Yrs. 100	Yrs. 100	Yrs. 100
5	2,69	1,76	7,31	8,69
6. —	3,37	2,27	8,63	10,15
7. —	4,10	2,82	9,90	11,52
8	4,87	3,43	11,13	12,82
9. —	5,69	4,09	12,31	14,03
10.	6,56	4,82	13,44	15,14
11	7,50	5,63	14,50	16,14
12	8,49	6,53	15,51	17,04
13	9,57	7,53	16,43	17,83
14. —	10,72	8,65	17,28	18,50
15.	11,96	9,92	18,04	19,04
16	13,31	11,37	18,69	19,45

TABLE II. Reckoning Money at 4 fer Cent.

One Life.	2 Lives jointly.	3 Lives jointly.	Longest of 2 Lives	Longest of 3 Lives.
Yrs. Pur.	Yrs. 100	Yrs.100	Yrs. 100	Yrs. 100
5. — 6. — 7. — 8. — 9. —	2,60 3,24 3,91 4,61 5,35 6,12	1,67 2,14 2,63 3,16 3,73 4,34	7,40 8,76 10,09 11,39 12,65 13,88	8,87 10,42 11,91 13,33 14,69
11. — 12. — 13. — 14. — 15. — 16. —	6,93 7,78 8,68 9,63 10,64	4,99 5,70 6,46 7,29 8,19 9,18	15,07 16,22 17,32 18,37 19,36 20,30	17,20 18,35 19,41 20,39 21,28 22,08

These Tables shew, that if we reckon Money worth 4 per Cent. then an Annuity to be granted for the joint Continuance of two Lives respectively worth 5 Years Purchase, is valued at 2 $\frac{5}{10}$ Years Purchase. An Annuity for the joint Continuance of 3 such Lives at $1 \cdot \frac{5}{10}$. An Annuity for the longest of two Lives at $7 \cdot \frac{4}{10}$ Years Purchase. And an Annuity for the longest of three such Lives is worth $8 \cdot \frac{8}{10} \cdot \frac{7}{0}$ Years Purchase, &c.

CHAP. VII.

Of Renewing of Lives.

1. SUpposean Estate leased out upon two equal Lives, and that one dies when the other Life is estimated at 9 Years Purchase, What is it worth to take in another Life, valued likewise at 9 Years Purchase, supposing Money at 5 per Cent.?

Answer, I find by the first of the foregoing Tables that an Annuity for the longest of two Lives which are fingly valued at 9 Years Purchase to be 12,31, from which substract the Value of the single Life, viz. 9 Years, and the Remainder 3,31 is the Value of the Life to be added.

2. Suppose an Estate leased out upon three equal Lives, and that one dies when the other two are estimated at 9 Years Purchase, What is it worth to take in another Life valued at 9

Years Purchase, Money at 5 per Cent.?

For Answer, I find by the Table that an Annuity for the longest of three Lives, which are singly valued at 9 Years Purchase, is worth 14,03, and an Annuity for the longest of two such Lives to be worth 12,31; the Difference between these two Values, viz. 1,72, is the Value of the single Life to be added to the other two; and if from 14,03 you substract the Value of a single Life, viz. 9. the Remainder, 5,03, is what ought to be given for renewing of two such Lives.

E 2.

3. Suppose an Estate leased out upon three Lives, and that upon the Decease of one of them the Remaining two Lives are valued, the one at 8, and the other at 10 Years Purchase; and that you are willing to admit another Life to be joined to to these two which is estimated worth 12 Years Purchase; What ought to be paid for the said Admission?

To Answer this Question, I say,

1. The Value of 3 Lives which are respectively worth 8, 10 and 12 Years Purchase; is found by Problems IIId and IVth, to be 15,40 Years Purchase.

2. The Value of two Lives respectively worth 8 and 10 Years Purchase, is found by the Ist and IId Problems to be 12,40 Years Purchase.

3. From 15,40 the Value of the three com-

bined Lives.

Substract 12,40, the Value of the two surviving ones,

Remains 3,00, which is the Value to be given

for taking in the new Life.

Note, Although the last Question cannot be exactly answered by the foregoing Tables, yet I presume that the Answer resulting from them may be thought sufficiently exact in Practice; for, one third part of the Sum of 8, 10 and 12, is 10. Then looking in the 5 per Cent. Table, I find that if 3 single Lives be respectively worth 10 Years Purchase, the Value of an Annuity upon the longest of them is 15,14, from which substract the Value of two Lives respectively worth 9 Years Purchase (viz. the half of 8 and 10) which by the said Table is found to be 12,31

there remains 2,83, or 2 Years and 10 Months, for Answer by the Table; whereas by the foregoing Problems it comes out exactly 3 Years Purchase.

CHAP. VIII.

Of purchasing Land, Houses, &c.

HE following Table for purchasing shews (as the rest do) the Value in Years, Quarters, Months, and Decimal Parts of a Month, and is calculated at several Rates of Interest, that so the Purchaser may use that which is most convenient for him, as in purchasing of Freehold Land 3, 4, or 5 per Cent. may be enough, but for Copyhold or Leases of Land 5 per Cent. for Leases of Land and good Houses 6 per Cent. and for Leases of ordinary Houses 8 or 10 per Cent.

The Use of the Table is very plain and easy,,

as by Example will appear, viz.

EXAMPLE.

What is a Lease or Annuity of 30 l. per Annum worth for 21 Years at 5 l. per Cent.?

Against 21 Years, and under 5 per Cent., I find 12 Years, 3 Quarters, 0 Months, 8 Parts then by the l'able of Reduction, page 35, I find

3 Quarters at 30 l. per Annum, is 22 10 0 8 Decimal Parts, p. 37, is 200

Sum is 24, 10 0

The times	2 Years	Value	(viz.	12]	260	-
times	30) add	led			300	9 0

The Answer is 384 to o
And supposing this Lease to have been 146 l.

per Annum, then by the same Table of Reduction, page 25 and 27. I find

			5.	
against	under 3 Quarters	- 75	0	0
	under 8 Dec. Parts	6	13	4
	under 3 Quarters	30	0	0
	under 8 Dec. Parts	2	13	4
against	under 3 Quarters	4	10	0
	under 8 Dec. Parts	_	8	0
The 12 Y times 14	ears Value (viz. 12)	1752	0	0

The Sum is 1871 48
Which is the Value of the Leafe reduced into

Money.

To increase the Number of Years in a Lease, do thus, suppose a Landlord would make a Lease of Land up to 40 Years, wherein his Tenant hath 20 Years to come, what it is worth? Then I say,

A Leafe for 40 Years at 6 per Cent. is worth _____ \$ 15:0:0:3

20 Years at the fame Rate 7 11:1:2:6

Which Substract.

The Remainder is 3:2:0:

The Remainder is 3:2:0:7
Which is the Fine to be given to make the
Lease up to 40 Years.

To buy a Lease which is not to begin until your old Lease is out, as thus, suppose a Man's Lease is out within 4 Years, and he desires to have a new Lease of 21 Years, to begin when his 4 Years are out, what is this Lease worth

in ready Money?

For Answer, I add 4 Years, which is the time he hath in his old Lease, and 21 together, the Sum is 25, then I find the Worth of these 25 Years, and substract from it the Value of the 4 Years, the Remainder is the Value of

the faid Lease.

EXAMPLE.

Dallan British	Y.	2.	M. d.pts.
A Lease for 25 Years at 3 6 l. per Cent. is worth	12	: 3	: 0 : 3
The 4 Years at the same ?	3	: 1	: 2 : 6
Which Subtract.			7.1
The Remainder is the Value of the Lease	9	: 1	: 0 : 7

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A Table flewing how many Years Purchase, any Annuity, or Lease of any Land or House is worth.

	15 W	O.CH.			1					
	To Z	a	t 3 1	ber (Cent.	at		er Ce	nt.	
	to be purch fed.	Years	t 3 Charters	Months	D		Years	. 1	Z	
	urc	2	lar	1 5	10	-	ar	uarters	Months	100
ı	P <	5	Cer	Su	7	1	S	6	15	1
	ears fed.		S	1.	15		-	S	9	art
	1	10			6		-0	1 3	1 2	- 5
	2	1	3	1	0	H	1	3	1	6
1	3	2	1 3	c	10	n	2	3	0	2
ı	4	3	2	1 2	6	П	3	2	1 C	5
1	5	1 4	2	0	9	1	4	3 3 2 1	2	4
ł	3 4 5 6 7 8 9	0 1 2 3 4 5 6 7 7 8 9 .10 11 11 12 13 13 14 14	3 3 3 3 2 2 1 1 0 0 3 2 1 1 3 2 2 1 1 3 2 1 3 1 1 1 1 1 1 1	2 1 1 C 2 2 C C 1	Dec. Parts 6 9 9 6 9 0 7 2 4 3 0 4 6 5 2 7 0 0 9 5 9 2 3 2 0		0 1 2 3 4 5 6 6 7 8 8 9 9	0		Dec., Parts 56 354 908 2 3 168 74 8 0 96 1 3 4 2 9 4
ı	7	6	0	2	7	Ш	6	0	0	Ó
1	8	1 7	0	0	2	Ħ	6	2	2	8
1	9	7	3	0	4	1	7	2 1	2	2
1	10	8	2	0	3	Ħ	8	0	1	3
1	11	9	1	0	0		8	3	2 0 2 2 1 0 1 2 0	1-
1	12	9	3	2	4	П	9	3	_1	6
1	13	.10	2	1	6	1	9	3	2	8
I	14	11	1	0	5	П	10	3 2	0	7
1.	15	11	3	2	2	Н	11	0	1	4
1	16	12	2	0	7	ı	11	2	1	8
1	17	13	0	2	0	1	12	0	2	0
1	18	13	3	0	0	1	12	2	I I I	9
1	19	14	1	C	9	1	13	0	I	6
1-	20	14	3]	5	-	13	2		1
-	11 12 13 14 15 16 17 18 19 20 21 22	15 15 16 16	I	1 2 2 2 2	9	1	13 13 14 14 14 15	2 0 2 0 2 0 1 3 0 2	0	- 3
1	22	15	3	2	2	1	14	1	2	4
	23 24 25	16		2	3	1	14	3	I	2
20	24	10	3	2	2	1	15	0	2	9
_	25 1	17 1	11	21	01	L	151	21	1	44

Continued Page 60.

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A Table shewing how many Years Purchase, any Annuity, or Lease of any Land or House is worth.

	orth.							
6 Z	at	5 per	r Cen	t.	at	6 per	- Ceni	<i>t</i>
Numb. of Years to be purchased.	Years	Quarters	Months	Dec. Parts	Years	Quarters	Months	Dec. Parts 30 16 5 0 0 56
1	0 1 2 3 4	3 2 2	2		0 1 2 3 4 4 5 6 6 7 7 8 8 9	3	2	3
2	1	3	2 I 2 O	4 3 6 5 0	1	3 3 2	2 I 2 2 2	0
3	2	2	2	6	2	2	2	1
4	3	2	0	5	3	0	2	6
		1	1	_	4	-		_5
0	5	0	0	9	4	3	2	0
3 4 5 6 7 8	5 5 6 7 7 8 8 9 9	3	0	9 4 5 3 6	5	3 2 0 3 1	2 I 2 0	0
0	0	1	2 I	5	0	0	2	5
9	7	0		3	0	3	0	
		2	_2		7	-	1	3
11	ŏ	1	0	6	7	3 1 3 1 2	I	6
12	0	3	1	- 3	8			0
1.5	9		1	7	0	3	1	2
10	10	3	1	-	9	1	0 2	5
11 12 13 14 15 16 17					1-9			_5
17	10	3	1	0	10	0	1	2
18	7.7	2	2	2	10	1	2	7
10	12	0	1	0	10	3	I	9
19	11 11 12 12	1	, 2	5	11	1	2	3 6 6 2 5 5 7 9 6
21	Section 1	-	0	6 3 7 7 5 0 2 2 2 0 5 8 9 8	11	-		
22	12	3	1	0	12	3 0	0	I
23	13	1	2	8	12	1	0	6
24	13		0	5	12	2	0	3
25	12 13 13 13	3	0	1	12	3	0	6 5 3
		0		J D				-24

Continued Page 61.

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A Table shewing how many Years Purchase, any Annuity, or Lease of any Land or House is worth.

	is worth.								
OZ	at	7 pe	r Cer	nt.		at	8 pe	r Cen	et.
Numb, of Years = N 3 4 5 0 700 90 to be purchased.	Years	Quarters	Months	Dec. Parts 2 7 56 2		Years	Quarters	Months	Dec. Parts 1 4 9 7 8 5 40 0 5 0 48 9 7 2 5 5 28 2 4 4 3 3 1
I	0	3	2	2	1	0	3	2	1
2	1 2	3	0	7		1	3	0	4
3	2	2	1	5		2	3 2 2	0	9
4	3	3 3 2 1	0 1 1	6	-	3	1	2 0 0 0	7
5	4		1			13	3	_	-8
6	4 5 5 6 7 7 7 8 8	3 1 3 2	0	7 6		3 3 4 5 5 6 6	2 0 3 1 2	1	5
7	5	Ï	I	7	×.	5	0	0 0	4
8	5	3	2	6		15	3	0	0
9	0	2	0	2		0	1	0	0
	7	-	0 1 2 0 0 2 2 1 2	2 3 9 3 3 9 3				2	5
11 12 13 14 15 16 17 18	7	3 1 2	2	9	9,	7	3 0	1	6
12	7.	3	2	3		7	2	0	4
13	8	I	I	3		7	3	I	8
14	8	2	2	9		0	0	2	9
1-15	_9			_3		-0	3 0 1	-	
10	9	3 0	2	3		. 8	3	I	2
17	9	3	0	2		9	0	1	5
10	10	0	0	1		9	2		3
10	9 10 10	2	7	3 2 7 0	1	777888	2	0	8
-		-	2 0 0 1 1 0 0 2 1	-		9	3	1-	
21	10	3	1	0	1	01		C	2
1 22	1	1	0	1	-	10	0	2	4
23		I	2	6	1	10	1 2	0	2
22 23 24 25	11	2	1	7 3 6 8	-	10	. 2	0 2	I
		-	1 .	and D		10 60		1	

Continued Page 62.

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A TABLE shewing how many Years Purchase, any Annuity, or Lease of any Land or House is worth.

15 W									
COU	at	9 pe	r Cen	t.	1		10 p	er c.e.	nt
Numb. of Years -	Years	Quarters	Months	Dec. Parts 0 1 497 8 4490		Years	Quarters	Months	Dec. Parts 0 0 0 0 5 2 4 0
	0	3 3 2 0 3	2	0	1	0	3	1	9
2	1	3	2 0 0 2 1	I		1	2	2 2 2 0	8
3	2	2	0	4		2	1	2	8
4	3	0	2	9		3	0	2	0
	_3	3		_7		_3	_3		_5
3 4 5 6 7 8	4	- 1	2	8		4	I	III	2
7	5	0	0	4	ı	4	3	_ 1	4
0	5	2	0	4	I	5	1	1	0
9	3 4 5 5 6	3	2 0 0 2 2	9	ı	3 3 4 4 5 5 6	3 2 1 0 3 1 3 1	0	I
+-		3 0 1 3 0			ı		-		7
11	6	3	0	6	I	6	I	2	9
12	1	7	1	9	ı	7	3	0	7
14	7	2	0	1	ı	7	1	1	2
15	7 7 7 8	0	0 I 2 0	7		7	3 0 1 2	1	4
16							-	-	-0
17	8	2	0	-		8	3 0 0 1	0	0
18	8	3	0	I		8	0	2	1
19	8	3	2	4	1	8	1	I	2
11 12 13 14 15 16 17 18 19 20	88889999999	1 2 3 3 0	0 0 0 2 1	98 4 7 7 5 1 4 5 5 3 9 5 8		7 7 7 7 8 8 8	2	0 2 1	7 9 7 2 4 2 -8 2 4 3
21	9			5	1		2	-1	7
22	9	I	2	3		8		0	2
23	9	2	0	9		8	3	I	5
21 22 23 24 25	9	3	0 2 0 2 0	5		8 8 8	3 3 3	0 I 2 0	7 2 5 8
25	1 9	3	0	8	1	0) 0	0	1 0

Continued Page 63.

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The TABLE of Purchases continued.

- 6 Z	at	3 pe	r Cer	nt.	1 at	4 00	r Gen	it.
Numb of Years 6 278 9 3	Years	Quarters	Months	Dec. Parts	Years	Quarters	Months	Dec. Parts 79975 0 4799 97405 74702
26	17 18 18	3	1	5	16	3	2	7
27	18		0	5 9 1	16	I	0 1	9
20	10	3	2	2	16	2		9
30	19	3 0 2	I 0 0 2 I	2	17	3	2 0	5
31	20				16 16 17 17 17 18 18 18			-
32	20	1	1	6	17	2 3 0	I	4
31 32 33 34 35 36 37 38 39 40	20	3 0 1	0 I 0 I 2		18	0	1	7
34	2 I 2 I	0	1	5 8	18	I	1	9
35	21	_ I				2	_I	_9
30	21	3	1	0	18	3 0 1	I	9
3/	22	0	2		119	0	I	7
30	22	2	2 0 1	7	19		1	4
40	23	3 0 1 3 0	1	3	19	3	0	5
	25		2	9 7 3 7	21	2 _3 _1	2	7
60	27	2	2	I	22	2	2 I	4
70	29	0	1	4	23	1	1	7
50 60 70 80 90	22 23 25 27 29 30 31	2 2 0 0 0	2	4 4 0	18 19 19 19 19 21 22 23 23 24	3	2	0
90	31	1	_0			I	0	
100	31	21		1	24	21	0	0
!	Fe		nple		-		mple	
	33	I	I	0	1 25	0	0	c

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The TABLE of Purchases continued.

8 × 1	at	5 pe	r Cen	1.	at	6 pe	r Gen	t.
Numb. of Years 00 to be purchased.	Years	Quarters	Months	Dec. Parts 5776	Years	Quarters	Months	Dec. Parts 0 500 0 2 1 0 7 4 0
26	14	I	1	5	13	0	0	0
27	14	2	I	- 7	13	0	2	5
28	14	3	I	7	13	I	I	8
27 28 29 30	14 14 15 15	0	I	6	13	2	0 2 1 1	0
	15	I		_4	13	_3		2
31 32 33	15 16 16 16	3 0	1 0 0 2 1	4 6 0 3 5 5 4 2 9	13 13 13 13 13 14 14 14	0 1 2 3 3 0 0 1 2	2 1 2 1	1
32	15	3	0	6	14	0	1	0
33	16	0	0	0	14	0	2	7
34	10	0	2	3	14	I	I	4
35		1	***********	_5	14		_	-01
34 35 36 37 38 39 40	16 16 16	2	0 2 1 0	5	14	2 2 3 3 0	I 2 I 2 O	4
37	10	2	2	5	1 14	2	2	8
30	10	3	1	4	14	3	1	
10	17	0	I	2	14	3	0	4
-	17 17 18 18			_9		-		-3
60	10	I	0 2	I	15	3 0	0 1 1	1
70	10	3	I	I	16	I	7	2
80	10	2	I	I	16	2	0	1
50 60 70 80 90	19 19	3	0	0	15 16 16 16	2	0	
100	19	1 2			16	2	-	4 8 1 4 5 1 9 6 1
	19	ee S	imple					The second second
-							imple	-
	20	10	0.10	0	16	1 2	1 2	1 0

F

[62]

The TABLE of Purchases continued.

-	3 Z	at	7 per	r Cen	t. 1	1	at	8 per	- Cent	
	Numb. of Years 6 78 29 0	Years	Quarters	Months	Dec. Parts 9 0 6		Years	Quarters	Months	Dec. Parts 7 2 6 9 1 2 2 1 0 8 6 3 9 5 1
1	26	11	3	0	9	١	10	3	0 2 0 1 C	7
I	27	II	3	2	8	1	10	3 3 0	2	2
I.	28	12	C	1	6	1	11		0	6
I	29	11 11 12 12 12	3 3 C 1	0 2 1 0 1	3		11	C	1	9
1	30	12				1		1		_1
1	31	12	2	0 I 0 I 2	4 8	Н	11	1	I	2
Н	32	12	2	I	8		11:	1	2	2
1	33	12	3	0	0 2		11	2	0	I
1	34	12	3	1	2		11	2	I	0
1	25		3 3 3 0		_3			2	-	
1	30	13	0	0	4	۱	11	2	2	6
1	28	13	0.	1	4		11	3	C	3
	20	13	0	2	3		11	3	0	9
	31 32 33 34 35 36 37 38 39 40	13 13 13 13 13 14 14	0	0 1 2 0 0	2		11	3 3 3 3	0 1 2	5
		-3	-	1-	1-6	Н		-3	-	
ı	60	13	3	0	0		I 2	1 0	2	0
ı	70	14		1 ,	1 4		12	1 ,	2	5
	80	14	0	2	6		12	I	2	2
	50 60 70 80 90	14	3 0 0	0	4 4 3 2 9 6 4 9 6 0	1	12	1	2	8 5 3 7 8
	100	14	-	1-0	-		12		-2	_
	-			impl		-	12	ee S	imple	- 9
	-	1	-	lo	_	1	12			-
		14	1	10	1 4	1	1 2	1 2	1	0

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The TABLE of Purchases continued.

0 Z	at	9 pe	r Cen	t.	1	at	10 \$	er Ce	nt.
Numb. of Years of to be purchased.	Years	Qua	Months	Dec. Parts	i	Years	Qui	Months	Dec. Parts 000 741
CP X	rs	uarters	nt	-	ı	ST	uarters	ntl	27
car		rs	S	ar	١		SIS	15	ar
26	_	-	-	-8-	١	-		_	27
20	9	3	2	I	۱	9	0	1	9
28	10	0	0 I	3	ł	9		2	0
20	10	0	2	4	1	9	I		1
27 28 29 30	10	3 0 0 0	0	3 4 4 3 1	۱	9	1	1 2 0 1 2	4
	-	-	_		ı	9			
22	10	1		1	ı	9	I	2	7
22	10	1	1	9	ı	9	2 2	0	3
21	10	1	2	5	ı	9	2	,	2
25	10 10 10 10	2	I I 2 0	9 5 2 8	ı	9	2 2	2 0 0 1 1	2
26	-	-			ı	-9	-	_	
27	10 10	2		3	ı	9	2	2	
28	10	2	2		ı	9	2	2	4
20	10	2	2	7		9	2	1	8
31 32 33 34 35 36 37 38 39 40	10	2	0	3 7 1		9	2	2 2 2 0 0	7 3 8 3 7 1 4 8 1 3
-		1 -3	-		-	1-3	-		1-3
60	10	2 2 2 2 3 3	1 1 2 2 0 2 0	6	1	9	3	2	6 8
70	II	0	1	0	ı	9	2	2	8
80	II	0	I	2	1	0	2	2 2 2	
50 60 70 80 90	II	0	1	3	1	99999999999999999999999999999	3	2	9
100	11	1-0	-	56023	1	10	2 2 3 3 3 3 3 3 3 3 3 0	0	9 9
-	1	Tee S	imple		-			impl	
-					1	-		-	
	11	10	1	3	İ	IC	1 0	1. 0	0

F 2

How to buy the Reversion of any Lease or Annuity.

Athough this may be done by the Table of Reversions at the Beginning of the Book, page 16, yet I think it will not be amis, if I shew how it may be done by the Tables for Purchafing also.

Suppose you are to buy the Reversion of a Lease after 6 Years; that is, if it be 6 Years before you commence, what is the present worth of a Lease, suppose of 30 Years at 6

per Cent?

mi c i c i i i i i	Y. Q. M. d.
Then for Answer look the Value of the whole Lease.	13:3:0:2
Value of the whole Leafe, which will be found to be	-1 (1)
Then find the Value of the 6 Years, which will be	4:3:2:0
Which fubtract.	
The Remainder is the Value of the Reversion re-	8:3:1:2
quired, viz }	7 7.75

The Value of the Years lapsed, or in Reversion of any Lease, may also be found by the Table for Purchasing for the Value of the Years in esse, subtracted from the Value of the whole Lease, the Remainder is the Value of the Years in Reversion; therefore, suppose in a Lease of 31 Years there be 12 Years lapsed, what must

T 65 7

must be given to renew this Lease again at 6 per Cent.

Y. Q. M. d. Then I find the Value of ? 13:3:2:1 the whole Lease to be

And because there are 12 Years lapfed there are 18 10:3:0:9 Years in effe, whose Value is

Which subtract

The Remainder is the Value of the Years in Reversion required, viz.

3.: 0:1:2

CHAP. XI.

Of the Difference which feems to be between Long and Short Leafes.

C Eeing 3 Years and an half Purchase is to be given for a Lease of 20 Years, at 10%. per Cent. and but 10 Years Purchase for a Lease of 100 Years at the same Rate of Interest, that is but for a Year and an half Purchase more. to make the Leafe 80 Years more; it may feem, that he who gives 10 Years value for the Lease of 100 Years, has abundantly a better Bargain, than he who gives 8 Years and an half Purchase for the Lease but of 20 Years; but then let him consider, that in 100 Years time his Money is returned but 10 times, whereas in the Lease of 20 Years, his Money is returned indeed but twice and 3 Years over, that is twice in 17 Years, but when this Leafer

is out, he may purchase such another, &c. and so in an 100 Years he may receive his Purchase-Money almost 12 times; but then on the other side let him consider, that but 7 of these Returns are clear Gains, for he gives 1 for every 20 Years, whereas in the Lease of 100 Years he hath o Returns of his Principal Money clear Gains, which Confideration may still make for the longer Leafe to be the best; but then let him that buys this long Lease further confider, that although he thinks he gives but little more Money for his 100 Years Leafe. than he doth that buys the 20 Years Lease, feeing he hath 5 times as many Years in his Leafe, let him confider, I fay, the Increase of his Money for that time, and that he's out of 'his little Money for a long time; fo although he who buys one after another the c Leafes of 20 Years a Lease, is out of a great deal more Money, take them altogether, yet his Money is out but 20 Years at a time: From these Considerations it will appear, that there is really no difference between a long Lease and a thort Leafe, if the same Rate of Interest in both be observed: for tho' there may be but little difference between their Values, yet the great difference of their Term of Years will countervalue that, for it is evident, that a little Money. in a longer time, will amount to as much as a greater Sum in a shorter time: But yet notwithstanding these Considerations, I grant there may be other Confiderations in which a long Lease may be most profitable to the Tenant, whether it be a Lease of Land or Houses; for

3.1

if he improves, or repairs, or builds, in a long Lease, it is certain, he hath the longer time to enjoy the Fruit of his Labour: So a short Lease to the Landlord may be most profitable, or at least most convenient, as for Colleges, &c. who live upon their Fines, and are in a continual Expence of Money, for them 'tis certain that a frequent Return of Fines is best.

CHAP. XII.

Rules concerning Freeholds.

Ivide 100 by the Price of the Purchase of the Fee-Simple, the Quotient shews the Rate of Interest; as if the Fee-Simple be 20 Years Purchase, then 100 l. divided by 20, the Quotient is 5 l. for the Rate of Interest.

Of if you divide 100 by the Rate of Interest which you desire to have in buying any thing, the Quotient shews how many Years Purchase you may give for it; thus if you desire to have 8 per Cent. Prosit, then divide 100 by 8 the Quotient is 12½, that is 12 Years and an half Purchase; and so many Years Purchase may you give, and make 81. per Cent. Prosit.

By Decimals: Divide the Annual Rent by

the bare Rate of Interest proposed.

Example.

400 l. per Ann. at the Rate of 6 l. per Cent.

is worth 6666 thus, 06)400,000(6666.

If the Rent be half yearly, or quarterly, divide by ,0296 and ,0146, which is the Interest of 1 l. for a Quarter, as ,0296 is the Interest of 1 l. for half a Year at 6 l. per Cent.

Compound Interest.

TABLES

TABLES of Compound Interest at 4 per Cent. per Ann. computing the Interest half yearly.

1×	1.	II.	III.
ears.	The Increase of	The present	The Amount
	Cont half	Value of one	of one Pound
	yearly.	Pound.	per Ann.
_	yearry.		
1	1.0404	.9611688	1.01
2	1.0824321	.9238454	2.060804
3	1.1261624	.8879714	3.154060
4	1.1716593	.8534904	4.291484
15	1.2189944	.8203483	5 474860
1	1.2682417	.7884931	6.706044
7	1.3194787	.7578750	7.956969
8	1.3727857	.7284458	9.319642
19	1.4282462	.7001594	10.706156
10	1.4859473	.6729713	12.148684
11	1.5459796	.6468390	13 649491
1	1.6084372	.5975793	15 250931
13	1.7410242	.5743745	18.525605
-			
15	1.8113615	.5520709	20.284039
17	1.8845405	.5306333	24.016900
18	2.0398873	.4902231	25.997183
19	2.1222987		28.057469
20	2 2080396		30.200991
21	2.2972144		32.43.1111

Continued Page 70.

TABLES of Compound Interest at 4 per Cent. per Ann. computing the Interest half yearly.

Years.	IV. The present Value of one Pound per Ann.	What Annuity 1 l. ready Money will purchase.
1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17	.970780 1.903864 2.800715 3.662740 4.491292 5.287670 6.053124 6.788854 7.496015 8.175716 8.829024 9.456962 10.060517 10.640636 11.198227 11.734167 12.249295	1.0300990
18 19 20 21	12.744421 13.220320 13.677739 14.117396	.0784657 .0756411 .0731115 .0708346

Continued Page 71.

TABLES of Compound Interest at 4 per Cent. per Ann. computing the Interest half yearly.

Years.	The Increase of 1 l. at 2 per Cent. half yearly.	Value of one	The Amount of one Pound per Ann.
22 23 24 25 26 27 28	2.3900531 2.4866112 2.5870703 2.6915880 2.8003281 2.9134614 3.0311652	.4184007 .4021537 .3865376 .3715279 .3571010 .3432343 .3299061	34 751328 37.165282 39.676759 42.289700 45.008204 47.836536 50.779132
29 30 40 50 60	4.87543	.3170955 .3047822 .2051097 .1380330 .0928921	53.840 57.025. 96.885 156.116 244.129
70 80 90 100	23.76990 35.32831 52.48489	.0625138 .0420700 .0283119 .0190531 .0026300	374.911 569.247 858.020 1287.122 9480.862

TABLES of Compound Interest at 4 per Cent. per Ann. computing the Interest half yearly.

Years.	IV. The present Value of one Pound per Ann,	V. What Annuity 11. ready Money will purchase.							
22 23 24 25 26 27 28	14.539981 14.946156 15.336559 15.711802 16.072474 16.419141 16.752346	.0687759 .0669068 .0652037 .0636464 .0622182 .0609045							
29 30 49 50 60	17.07261 17.38044 19.87225 21.54917 22.67769	.058573 .057536 .050321 .046405 .044096							
70 80 90 100 F.S.	23.94825 24.29220 24.52368	.042667 .041756 .041165 .040770 .04							

TABLES of Compound Interest at 5 per Cent. per Ann. computing the Interest half yearly.

1	1.	1I.	- 111.					
1	The Increase of	The present	The Amount					
ears	1 1. at 2 1 per	Value of one	of one Pound					
S			per Ann.					
	yearly.							
1_	7							
1	1.0506250	.9518144	1.0125					
2	1.1038128	.9059506	2.076257					
3	1.1596934	.8622969	3.193868					
4	1.2184028	.8207466	4.368057					
5	1.2800845	.7811984	5.601690					
16	1.3448888		6.897776					
7		.7435559	8.259476					
	1.4129738	.7077272	-					
8	1.4845056	.6736249	9.690112					
19	1.5596587	.6411659	11.193174					
10	1.6386164	.6102709	12 772328					
11	1.7215713	.5808647	14.431427					
12	1.8087259	.5528754	16.174518					
13	1.9002927	.5262347	18.005854					
14	1.9964950	.5008778	19,929900					
15	2.0975675	.4767427	21.951351					
16	2.2037569	-4357705	24.075138					
17	2.3153221	.4319053	26.306442					
18	2.4325353	.4110937	28.650706					
19	2.5556824	.3912849	31.113648					
20	2.6850638	.3724306	33.701276					
21	2.8209951	.3544848	36.419903					
Continued Page 5								

Continued Page 74.

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TABLES of Compound Interest at 5 per Cent. per Ann. computing the Interest half yearly.

	IV.	V.
× 1	The present	What Annuity
Years.	Value of one	1 /. ready Mo-
s.	Pound per Ann.	ney will pur-
		chase.
1	.963712	1.0376543
2	1.880987	.5316358
3	2.754062	.3631000
4	3.585068	-2789375
5	4.376031	.2285175
6	5.128882	.1949742
7	5 845456	.1710730
7 8	6.527501	.1531980
. 9	7.176681	.1393401
10	7.794581	.1282943
11	8.382706	.1192932
12	8.942492	.1118255
13	9.475305	.1055375
14	9.982444	.1001759
15	10.465146	.0955553
15	10.924588	.0915365
17	11.361893	.0880135
18	11.778125	.0849031
19	12.174301	.0821402
20	12.551387	.0796724
2 1	1 12.910303	.0774575

Continued Page 75.

TABLES of Compound Interest at 5 per . Cent. per Ann. computing the Interest half yearly.

Years.	I. The Increase of 1 l. at 2 ½ per Cent. half yearly.	Value of one	III. The Amount of one Pound per Ann.
22	2.9638080	.3374037	39.276161
23	3.1138508	.3211458	-42.277017
24	3.2714895	.3056712	45.429791
25	3.4371087	.2909422	48.742174
26	3.6111123	.2769230	52.222246
27	3.7939249	.2635793	55.878498
28	3.9859923	.2508785	59.719847
29		.238,7898	63.755
30		.227,2836	67.995
40		.1387,046	124.191
50		.0846474	216 274
60		.0516578	367.162
70 80 90 100 150	51.9778 85.1717 139.5638	.0315253 .0192390 .0117409 .0071652 .0006065	614 411 1019.557 1683.435 2771.277 32955.362

TABLES of Compound Interest at 5 per Cent. per Ann. computing the Interest half yearly.

_	IV The prefent	What Annuity
Years	Value of one	1 /. ready Mo-
rs		17. ready ivio-
	Pound per Ann,	ney will pur-
-111		chase.
- 22	13.251924	.0754607
23	13.577084	.0736535
24	13.886576	.0720120
25	14.181155	.0705161
. 26	14.461540	.0691489
27	14.728414	.0678960
28	14.982428	0667448
20	14.902420	000/440
= 29	15.22420	.065684
30	15.45432	.064706
40	17.22590	.058052
50	18.30705	.054623
60	18.96684	.052723
_		
70	19.36949	.051627
80	19.61523	.050980
90	19.76518	.050594
100	19.85667	.050361
F.S.	20.	.05
1		

The following Problems will shew how the most useful Questions in Compound Interest, at the Rates of 4 and 5 per Cent. may be answered by the foregoing Tables.

PROBLEM I.

What will 150 *l*. amount to in 21 Years, at the Rate of 2 $\frac{1}{2}$ per Cent. half-yearly?

The Amount of 1 l. in 21 Years is 2.82099
Which multiplied by ______ 150

The Product is 423.14850
Answer 423 l. 25. 11 d.

II. In what Time will 150 l. amount to 423 l. 2s. 11 d. at the Rate of 2 ½ per Cent.

half yearly?

Divide 423.1485 by 150, the Quotient will be 2.82099, which in the first Table at 5 per Cent. is found against 21 Years, and that is the Answer to the Question.

III. At what Rate of Interest will 150%.

amount to 423 1. 25. 11 d. in 21 Years?

Divide 423 1485 by 150 l. the Quotient will be 2.82099; which against 21 Years is found

in the Table at 5 per Cent.

IV. What Principal Sum will amount to 423 l. 2 s. 11 d. in 21 Years? Or, what is the present Value of 423 l. 2 s. 11 d. payable at the End of 21 Years, at the Rate of 2½ per Cent. half yearly?

The Answer to this Question is 150 l. and may be found either by dividing 423.1845 by 2.82099, the amount of 1 l. in 21 Years, as by

the

the first Table at 5 per Cent. or by multiplying 423,1485 by ,3544848, the present Value of 1 l. to be paid 21 Years hence, as by the second Table.

V. What will an Annuity of 150 li per Ann. to be paid half yearly, amount unto at the Rate of 5 per Cent. is being forborne 21 Years?

The Amount of 1 l. per Ann. in 21 Years at 5 per Cent. is found 36.4199 in the third Table to be

Which being multiplied by

150

The Product will be _____ 5462.985 Answer 5462 l. 19 s. 8 d.

VI. In what Time will an Annuity of 150 l. to be paid half yearly, amount to 5462 l. 19 s.

8 d. at the Rate of 5 per Cent.?

Divide 5462,985 by 150, the Quotient will be 36.4199, which in the third Table, at 5 per Cent. is found against 21 Years, that is the Answer to the Question.

VII. What Annuity to be paid half yearly, will amount to 54621. 195. 8 d. being forborne 21 Years at the Rate of 5 per Cent. per Ann.?

Divide 5462.985 by 36.4199, the Amount of 1 l. per Ann. in the given Time at 5 per Cent. the Quotient will be 150 l. which is the Answer to the Question.

VIII. What is the Value of an Estate of 150 l. per Ann. in Fee-Simple, computing at the Rate of 4 per Cent. per Ann.?

The

The present Value of 1 l. per Ann. in Fee-Simple, is found by the fourth Table to be 25 l. which multiplied by 150, the Product will be 3750 l the Answer to the Question.

IX. What principal Sum will purchase an Annuity or Lease for 21 Years of 300 l. per Ann. to be paid half yearly, at the Rate of 4 per Cent. per Ann.

The present Value of 1 l. per Annum for a Lease of 21 Years, is found by the fourth Table to be

Which being multiplied by -- 300

The Product will be ______ 4235,2188 Answer 4235 l. 4s. 4d.

X. What Annuity to continue 21 Years, to be paid half yearly, will 4235 l. 4 s. 4 d. purchase, computing at the Rate of 4 per Cent.

per Annum.

The Annuity which 1 l. will purchase for 21 Years at 4 per Cent. is found in the 5th Table to be .0708346, which being multiplied by 4235,2188, the Product will be 300 l. the Answer to the Question. Or, 4235,2188 being divided by the Amount of 1 l. per Annum in 21 Years, viz. 14,117396, the Quotient will be the Answer, viz. 300 l.

XI. What is it worth in present Money to renew 7 Years lapsed in a Lease of 21 Years the yearly Rent being 300 %. and reckoning Interest at 4 per Cent. per Ann.?

The

[79]
The present Value of 1 l. per Ann. for 21 Years, is found by the 4th Table to be
Ann. for 21 Years, is found by the \$ 14,117396
4th Table to be —
The present Value of 1 l. per]
The present Value of 1 l. per ann. for the 14 Years in esse, is 10,640636
Which subtract.
Remainder —— 3,47676
Multiplied by . 300
The Product is — 1043.028
Answer 1043 l. 0 s. 6 d.
XII. A, has a Term of 5 Years in an Estate
of 300 l. per Ann. B, has a Term of 7 Years
in the same Estate in Reversion, after the Ex-
piration of A's 5 Years; and C, has a further
Term of 9 Years in Reversion after the 12
** **
of 300 l. per Ann. B, has a Term of 7 Years in the same Estate in Reversion, after the Expiration of A's 5 Years; and C, has a further Term of 9 Years in Reversion after the 12 Years: Now the Question is, What is the
present value of the several Lerms, computing
at the Rate of 4 per Cent. per Ann.?
at the Rate of 4 per Cent. per Ann.?
at the Rate of 4 per Cent. per Ann.? 1. 3. d. A's Term is to be valued as a ?
at the Rate of 4 per Cent. per Ann.? A's Term is to be valued as a Lease of 5 Years, which by Prob 1347 7 9
at the Rate of 4 per Cent. per Ann.? A's Term is to be valued as a Lease of 5 Years, which by Prob IX. will be found to be worth—
at the Rate of 4 per Cent. per Ann.? A's Term is to be valued as a Lease of 5 Years, which by Prob IX. will be found to be worth— B's Term is the Value of 7
at the Rate of 4 per Cent. per Ann.? A's Term is to be valued as a Lease of 5 Years, which by Prob IX. will be found to be worth— B's Term is the Value of 7
at the Rate of 4 per Cent. per Ann.? A's Term is to be valued as a Lease of 5 Years, which by Prob IX. will be found to be worth— B's Term is the Value of 7
A's Term is to be valued as a Lease of 5 Years, which by Prob IX. will be found to be worth— B's Term is the Value of 7 Years in Reversion in a Lease of 12 Years, which by Prob. XI. 1489 14 0 15 Worth
A's Term is to be valued as a Lease of 5 Years, which by Prob IX. will be found to be worth— B's Term is the Value of 7 Years in Reversion in a Lease of 12 Years, which by Prob. XI. is worth And C's Term is the Value of
at the Rate of 4 per Cent. per Ann.? A's Term is to be valued as a Lease of 5 Years, which by Prob IX. will be found to be worth— B's Term is the Value of 7 Years in Reversion in a Lease of 12 Years, which by Prob. XI. is worth And C's Term is the Value of 9 Years in Reversion in a Lease 1398 27
A's Term is to be valued as a Lease of 5 Years, which by Prob IX. will be found to be worth— B's Term is the Value of 7 Years in Reversion in a Lease of 12 Years, which by Prob. XI. is worth And C's Term is the Value of
at the Rate of 4 per Cent. per Ann.? A's Term is to be valued as a Lease of 5 Years, which by Prob IX. will be found to be worth— B's Term is the Value of 7 Years in Reversion in a Lease of 12 Years, which by Prob. XI. is worth And C's Term is the Value of 9 Years in Reversion in a Lease of 21 Years, viz,
at the Rate of 4 per Cent. per Ann.? A's Term is to be valued as a Lease of 5 Years, which by Prob IX will be found to be worth— B's Term is the Value of 7 Years in Reversion in a Lease of 12 Years, which by Prob. XI. 1489 14 0 15 Worth And C's Term is the Value of 9 Years in Reversion in a Lease of 21 Years, viz, Sum, the Value of the whole Lease of 21 Years 4235 4 4
at the Rate of 4 per Cent. per Ann.? A's Term is to be valued as a Lease of 5 Years, which by Prob IX. will be found to be worth— B's Term is the Value of 7 Years in Reversion in a Lease of 12 Years, which by Prob. XI. is worth And C's Term is the Value of 9 Years in Reversion in a Lease of 21 Years, viz,

XIII. The Sum of 4235,2188 l. is paid for an Annuity of 300 l. for 21 Years to come. I demand the Rate of Interest allowed the Purchaser?

Divide 4235 l. &c. by 300, the Quotient will be 14,117396, which is found to be the present Value of 1 l. per Ann. in 21 Years, at

the Rate of 4 per Cent.

XIV. Suppose an Estate subject to the Payment of 100 l. at the End of every 7 Years, what Sum in ready Money will discharge the said Incumbrance, reckoning Interest at the Rate of 4 per Cent. per Annum.

Divide the Sum of Money payable at the End of 7 Years, viz. 100 l. by the Interest of

Divide the Sum of Money payable at the End of 7 Years, viz. 100 l. by the Interest of 1 l. arising in the said Term, viz. 1,3194787, as per Table I. Page 68, the Quotient will be 313 l. which is the Answer to the Question.

If any other Case happens to occur, which falls within the Limits of the foregoing Tables I am persuaded every Reader, that understands these Problems, will be able to answer it without Difficulty.

THE

V A L U E

OF

CHURCH and COLLEGE

LEASES

CONSIDERED:

AND THE

ADVANTAGE

OF THE

LESSEES

Made very Apparent

The SEVENTH EDITION.

ADVERTISEMENT.

HE Reader is desired to take Notice, that this Letter was wrote and published long before the unhappy South-Sea Scheme was known; and consequently, the Writer, in his Proposal of a moderate Advance in the Fines of Church and College Leases, could not be influenced by the extravagant Price that was given for Land, whilft the public Frenzy lasted, which was about five or fix Months: But he had regard to the Price that Land was fold at, and to the Interest that was paid for Money many Years before. And though the Credit of publick Funds is at present less than it was some Time ago, yet Land fells for as much, or very near the Price. as it did formerly; and Men may have Money now for five per Cent. or less, that can give Land Security: So that his Reasons and Inducements for proposing an Advance, are still justified by the present Value of Land and Money. And we may have cause to hope, that when Peoples Fears are over, and their Passions allayed, the Value of Land may yet increase, and the Interest of Money lessen by degrees: So that Churchmen and Fellows of Colleges, will find it necessary to consider how they may do Justice to themselves, by having some little Regard to the Estimate and Value that the rest of the World set upon Land and Money.

THE

VALUE

O F

CHURCH and College Leases confidered, &c.

SIR,

O U were in such a Heat when I saw you last, upon Account of the Treatment you met with from a certain College, of whom you held an Estate by a Lease of 21 Years, that you would not hear any thing that might be offered to abate your Anger: But, I hope, by this time, your are in a cooler Mood, and can patiently read, and calmly confider, what you would not then hearken to; which. If you would vouchfafe to do, I persuade myfelf you will be convinced, that you were angry without a Cause, and had reason to thank them for their kind Usage, rather than blame them for any Hardships they put upon you. Their Crime, as you call it, was, that they had made a strict Enquiry into the Value of their Estate, and had exacted from you somewhat

more

more than one Year's Rent (after the referved Rent was deducted) for renewing a Lease up to 21 Years, whereof 7 were run out; this you said was more than their Predecessors had done for the like Term, and therefore you thought you had Reason to resent their hard Usage.

Now taking it for granted, that you paid a little more than one Year's Rent, as you valued it, (tho' it was probably but one Year's Rent, according to their Information) yet in such a Case, I undertake to prove, past all denial, that they took but half what that term was worth. and but half as much as Laymen usually take of one another; and confequently but half of what they might in Justice have demanded and taken. For according to the nicest Calculation, the Rule for renewing 7 Years lapsed in a Lease of 21, supposing the Interest of the Money at 61. per Cent. is near two Years and a half's Value (as may be seen by the Table, pag. 23). Now, where had been the Injustice, if they had demanded and taken according to this Proportion? Can you at this time put out your Money upon Land Security, and have 6 l. per Cent. for it? Every Body knows that Money may be had, on reasonable Security, for 5 l. per Cent. and probably it will be had for less in a little Time. And seeing you are satisfied in the Goodness of the Title, you ought to have been not only content, but thankful too, that your Money was securely laid out upon Lands, after the Rate of 6 l. per Cent. had they treated with you upon that Foot. But when you consider, that by taking 1 Year's Value for the renewing of 7,

they rated the Interest of the Money at 11% 11 s. 8 d. 1 per Cent. you have more reason to wonder at their Easiness or Ignorance of the true Value of their Estates, than to blame them for any Extortion. I agree with you, that Churchmen and Fellows of Colleges should be better Landlords than Laymen are; that is, in point of Prudence, it behoves them to be so: Not, but, in Justice, they have as much Right to their legal Dues as Laymen have. But because Men of Letters and Bodies Corporate cannot so well manage their Estates as Laymen or a fingle Person may do, if they keep them in their own Hands, or let them out at a Rack-Rent, (especially when they are distant from them) I think 'tis an Instance of Discretion in them, to encourage all People to be willing to be their Tenants, by Leases of a considerable Term of Years, renewable at all times upon reasonable Considerations.

But when this is allowed, I fee no reason why the Differences should be so great, that all that have Dealings with them, should expect they should take less than half of what Laymen do in the like Cases, and less than half the real

Value of the thing.

And therefore, if Clergymen and Fellows of Colleges should treat with their Tenants as if Money was at 6 l. per Cent. one would think the Advantage was as much as could be reafonably expected; seeing 5 l. per Cent. is legal Interest, and all other Persons value their Estates according to that Proportion. But when Leases ere sold after the Rate of 6 l. per Cent. the Interescent

heritance of Lands, according to that Proportion, ought to be fold at 16 or 17 Years Purchase: And when all other Persons value their Estates at 20 Years Purchase, or upwards, the Advantage of dealing with such Bodies, rather than private Persons, is very apparent, if they should take even double to what they have taken of late Years: For in such Case they would value their Estate at 3 or 4 Years Purchase less than other People do.

But 'tis plain, they have made no fuch Alteration in their Way of Estimate, since Money was 11 or 12 l. per Cent. but have taken the same Rates for 170 Years, or upwards: Whereas the Value of Money has wonderfully decreased in that Time; and probably it will be more plentiful, and consequently less valuable, now the Protestant Succession is, I hope, simply established, and we are like to have a settled

Peace, and a flourishing Trade.

Indeed, the Lessees or Tenants of such Estates have fet their Landlords an Example of valuing their Estates, as if Money was at 6 l. per Cent. for they ordinarily fell a Lease of 21 Years for 12 Years Purchase; whereas Churches and Colleges who take but I' Year's Value for 7 Years expir'd in a Lease of 21, do, in Proportion, reckon the total Value to be fomething under 8 Years Purchase, as may be seen in the first Column of the Table, page 22, which is calculated upon the Supposition of Money being 11 l. 11 s. 8 d. 4 per Cent. Now, according to the Proportion of 12 Years Purchase, or total Value, the renewing of 7 Years laps'd in such a Lease, is worth near 2 Years and a half's Value :

Value; as appears from the second Column of the Table page 23. which is calculated upon the Supposition of the Interest of Money being at 61 per Cent. And I do not know any good Reason that can be assign'd, why Colleges and Churchmen should not put the same Value on their Estates as other Men do, proportionably to the Interest they have in them. Not that I know that any Church or College designs to come up to this Rule: I only observe, that if they should, their Tenants could not justly accuse them of hard Usage, seeing they would treat them by the same Proportion, as they treat with one another, and put no other Value on their Estates than they have taught them to do.

And should they insist upon such Terms, yet still it would be better Husbandry to buy. Church or College Leases for 12 Years Purchase, than to give 20 or 21 Years Purchase for Lands of Inheritance; because in the former Case, Money is valued at 6 l. per Cent. and in the

latter at 5 l. or less.

But because all Men will not attend to nice Calculations, I will make it evident, by a plain

familiar Instance.

We will suppose the Estate that is to be purchased 100 l. per Annum, besides the reserved Rent. Now, if a Man gives 1200 l. for a Lease of 21 Years of this Estate, 'tis 800 l. or 900 l. less than he must give for an Estate in Fee; and consequently he has at least 800 l. to improve, tho' he has the same Income as if he had laid out 2000 l. upon another Estate.

H 2

Now

Now the Interest of 800 l. in 7 Years, at 5 l. per Cent. comes to 280 l. And if the Church or College take for their Fine 250 l. which is two Years and a half Value, that is still 30 l. less than the Simple Interest amounts to; but then the Improvement of the Interest, in 21 Years time, will amount to a considerable Sum: But now, whilst a Church or College takes but 100 l. or one Year's Value for their Fine, it is less by 150 l. than the Simple Interest of the 800 l. comes to.

This is a Demonstration suited to every Man's Capacity, and proves, that if Churches or Colleges, at the End of every 7 Years, should take Fines proportionable to the Value that Laymen set on their Estates, in their Transactions with one another, still it would be the best Way of improving Money, if it be to be laid out upon Land, and no Body could with Reason accuse

them of Hardness or Extortion.

This, I believe, is more than double of what most Churches or Colleges have taken for their Fines; and probably they never intend to advance them so high: But 'tis plain, that if they take a Year and a half or even two Years, Value, they must be owned to be kind and generous Landlords, and the buying of Church or College Leases would, in such case, be the most advantageous Way of laying out Money upon Land.

The Title will be always good, past Dispute, and thereby many chargeable and vexatious

Suits will be prevented.

As for Taxes, Repairs, and other Accidents, those are not peculiar to Church or College Estates, but Estates of Inheritance are equally

liable to the same Inconveniencies.

But the generality of the World are so unreafonable and partial to themselves, as to fancy, that when they lay out Money upon Church or College Estates, they ought to make the full Interest, of their Money, over and above all natural or accidental Charges that may fall upon those Estates; and if they cannot make 61. per Cent. of their Money above Taxes, Repairs, and accidental Losses, they think they have a hard Bargain of it. Whereas when they give but 20 Years Purchase for another Estate, they seldom make above 3 and a half per Cent. of their Money; especially the South and East Parts of England, where the Land is high rated in the King's Tax; and if in the North and West the Taxes are less, Church and College Tenants, have then the same Advantage as their Neighbours. And therefore the Reasonings and Calculations herein mentioned, are sufficiently justified, if Men can make a greater Return for their Money by buying Church and College Leafes, than they can by purchasing any other Estates, as I think 'tis clear to a Demonstration that they may, if no more be taken for a Renewal of 7 Years laps'd in a Lease of 21 Years, than one Year and a half's Value: especially considering, as is before hinted, they have an undisputed Title, which one Circumstance is in itself very confiderable. How unreasonable therefore is it for

H 3

the Possessors of those Estates, when they come to renew their Leases, to expect an Abatement in the Fine upon the Account of accidental Losses, or extraordinary Repairs, occasioned by their own or their Ancestors Neglect : they may, with as much reason, go to the Sellers of other Lands, and require part of the Purchase Money back, because the Charges upon the Land were greater than they expected, when they purchased it: But no such thing is thought of, when in other Estates, and a Man would be laugh'd at that should expect it; and I see no reason why they should demand it from Churchmen or Fellows of Colleges; unless it be because they think they may more easily be imposed upon, than other Men in Affairs of this Nature; and indeed this may be faid to excuse those that entertain such Fancies, that the Experience of the ill Management of Church Estates for many Years past, may be an Inducement to them, to think they may be still imposed upon.

I hope you see by this time, how ground-less your Anger was against the College, and that if they had taken as much more as they did, they had put a much less Value upon their Interest in their Estates than other Men would do, seeing, in all Sales of Land, Money is valued at 5 l. per Cent, or less, and in that Case they would have valued it at no less than 6 l. per Cent. All Estates within a convenient Distance from London, are already valued at upwards of 20 Years Purchase; and we may expect they may be rated still higher, when the public

public Debts are farther lessened, and more-Funds reduced; of which we have (God be

thanked) a very fair Prospect.

'Tis probable, that the low Value of Money, the Dearness of all Things belonging to House-keeping, and the more expensive Way of Living among all Ranks and Degrees of Men, may awaken Churchmen to look more carefully into their Estates, and to go a little out of the old Track, which their Predecessors for a long time have gone in, without due Thought or Confideration, regarding only what had formerly been taken, and not confidering the prefent State of the World, or the low Value of Money: And if, upon weighing these Circumstances, they should be induced to take a Year and a half's Value, for renewing of 7 Years in a Lease of 21, they would still be very kind to their Tenants; for in such Case they would rate their Interest in their Estates as if Money was at 9 l. per Cent. which is probably double to what it will be in a little time, and would value that but at 9 Years Purchase at most, which their Tenants will not fell under 12 Years Purchase, or more.

The Way of Living amongst all Ranks of Men, is much altered from what it was 30 or 40 Years ago; and if you consider how dear all Things belonging to Housekeeping have been for several Years, and are like so to continue, it must be own'd, that a Man could make as decent a Figure for 1001. per Ann. 30 Years

ago, as he can now for 1.40 %.

And when the Nation is in a State of Profperity, the Wives and Children of Clergymen will, and may reasonably, expect to bear some Proportion to other People, and not to live in so mean a Condition, as to be Objects of Contempt to Persons of other Professions.

Besides, common Justice, as well as natural Affection, obliges Clergymen to make the best Provision they can for their Wives and Children, that they may not be exposed to Poverty and

Contempt when they are dead.

'Tis confess'd, that when the Church is under a State of Persecution, Clergymen must be content to undergo greater Hardships than the Laity; but in time of Peace and Plenty, when all Orders of Men fit fafe, and enjoy their Estates with Freedom, under the Protection of the Civil Government, there is no reason to expect, that in such a prosperous and free Nation, they should be content to be debarr'd of their just Rights, and live as it were in a State of Persecution, and Oppression, when Men of other Professions are in a flourishing Condition (for fo Clergymen may be faid to be, if they may not be allowed to make a reasonable Improvement of what the Law has allotted for their Maintenance).

But farther, 'tis very probable, that when the Custom of taking one Year's Rent for renewing of seven Years began, it was then very near the Value of the Thing; for we know Money was at 10 l. per Cent. or upwards 140 Years ago, and before that Time it was probably of greater Value; so that 2 Years Rent

is not now a higher Demand, than I Year's Rent was 140 Years ago: By which 'tis evident, that neither Churches nor Colleges, have for 50 Years last past, taken much above half of what in Prudence and Justice to themselves and Families they might have taken.

But besides the Poverty of many Widows and Children, there is another Mischief, that is, the visible Effect of Churchmen suffering themselves to be thus deprived of their just Dues, and that is, the Decay of several Cathe-

drals and Collegiate Churches.

For tho' the Deans and Prebendaries of those Cathedrals and Collegiate Churches have receiv'd less to their own Shares, than their Predecessor have done, yet the Remainder has not been sufficient to preserve the Fabricks from Decay: Nay, tho' considerable Sums have been expended on those Repairs out of that Money that has usually been divided amongst the Deans and Prebendaries; yet several of those Cathedrals are in a very decaying Way, and the Revenues of those Churches, tho' they were better improved than they have been, are by no means sufficient to repair and support them.

This Mischief will still increase, and the Remedy be more difficult, because it requires much more Money to repair and support the Fabricks now, than it did a hundred Years ago, both upon account of the natural Decay of the Buildings, and also the Dearness of Materials and Workmen. The Stones of many Cathedrals are in a mouldering Way, having lasted as long as the Nature of the Stones will allow;

and the Value of Money being much abated, the Price of Materials and Workmen has advanced of course, insomuch that 100 l. would go as far in Building, about 100 Years ago, as 200 l. will now; for the Difference in the Value of Money, and the Scarceness of Materials, enhance the Charge of Building.

We may instance in Timber alone, which is double the Value of what it was 80 Years ago; so that, tho' much more Money is now wanting to support the Fabricks, yet there is less to be had, seeing the Fines are on the same Foot

as they have been for many Years.

This Decay in the Buildings, and the Dearness of Timber, brings to mind the great Damage that was done to the Estates of the Deans and Chapters in the Time of the Civil Wars, when there was such a prodigious Havock made of the Timber on their Lands; which, if it had been left untouch'd, or only fell'd in the ordinary Proportion as the Under-Woods were cut, the Timber that had been left, would have been a sufficient Fund to have kept those Churches in good Repair, which for want of due Support, are now in a decaying and dangerous Way.

This is a Calamity that feems to claim fome Compassion and Consideration from the Public, when any fit Means can be propos'd for their Assistance; however, such Circumstances are sufficient to awaken all Parties concern'd, and make them consider, whether they ought not to take some Course to prevent things from grow-

ing every Day worse and worse.

What

What has been faid concerning Leases for 21 Years, may proportionably be apply'd to Leases for three Lives; for if a Lease for three Lives, be at least one Part in seven more valuable than a Lease for 21 Years, then the putting in a new Life, upon the Death of one of the first three, is to be valued proportionably more than the renewing of 7 Years, and it will be justify'd by the Rules and Reasons abovementioned.

Indeed if Churchmen should value their Interest in the Estates of the Church, at the same Rate that Laymen, that are their Tenants, value their Interest in the same Estates, they might, by their Example, be justify'd in de-

manding 3 Years Rent.

If Churches or Colleges should make so high a Demand, they might appeal both to the Opinion of the Seller and Buyer to excuse them. Yet I have been told, that the Purchaser of such a Lease, when he came to have it renew'd, alledged the great Price he gave for it, as a Reason why the Society should take even less of him than their usual Fine; for he thought they ought to use him kindly, because he had a hard Bargain in the Purchase.

This will look like Banter to Men of Sense and Business, yet I am affured the Man was in good earnest, and thought the Society had no Compassion, because they would not ease him, as he called it, and even take less than a Year's

Rent.

To the same Purpose it has been observ'd, that when Persons suffer by their Parents or Trustees neglecting to renew their Leases at the proper

proper Time; or when Leafehold Estates have been abus'd by the Knavery and Neglect of others, the Lessees are apt to be so unreasonable as to expect the Churches or Colleges, of whom they hold their Estates, should abate their usual Demands, to make them amends for the Injuries or Inconveniencies they have suffered from others: But this is treating fuch Bodies, as if they were a Company of Fools or Children. that could be imposed upon by such Infinuations, as would never influence other Men of common Sense: For, furely, nothing can be more unreasonable than to expect, that when Laymen use one another ill in their Bargains and their Trufts. Churchmen should abate of their just Dues to make them easy, for that would be punishing themselves for other Mens Faults. 'Tis indeed confess'd, that if Purchafers could be affured that Churchmen and Fellows, of Colleges would always take I Year's Value, for the Renewal of 7, they might well afford to give 15 or 16 Years Purchase for a Lease of 21 Years, and the Money would be well laid out, feeing the Interest of Money is abated; but to purchase upon such a Presumption, is certainly running too great a Hazard, feeing in such Case, they must suppose the Parties concerned will be always blind, and never confider the common Rules of Proportion: Therefore it is prudent for Purchasers of such Estates to be on their guard, and buy them at fuch Rates, that they may afford to give the Proprietors fomewhat nearer the true Value. when they come to have their Leases renewed.

The Calculations here mentioned, have been perused and approved of by one of the greatest Men of the Age, and their Exactness has not been yet disproved by any one, that I have heard of.

And here 'tis fit to observe, that Churches and Colleges ought to confider that their letting Leases, is selling their Estate for a Time, and therefore in order to do right to themselves, as well as others, they should have regard to the Prices that Land is generally fold for in the Countries where their Estates lie; which always follows the Interest of Money, and is not regulated only by the yearly Rent that the Land is let for: For the Price of Land often alters, tho' the Rent continues the same. As for Instance, when Money is at 5 l. per Cent. or less, then Land is fold for upwards of 20 Years Purchase: and where Interest is at 4 l. per Cent. it is fold for 25 Years purchase, tho' the annual Rent remains still the same; which shews that the Price of Land is governed by the rate Money yields at Interest, as for Instance, when Money was at 61. per Cent. Land was fold 40 Years ago, in Parts that were remote from London, at 16 or 17 Years Purchase; but now Interest is abated, Land fells for a much higher Value there, as well as in other Places.

I can conceive but one thing that can be objected to the Calculations and Reasonings before mentioned, which is, that Tenants of Churches and Colleges generally pay the King's Tax, for the reserved Rent, as well as for that Part of the Estate which they purchase; to which 'tis

answer'd, that when the Rent reserved is but a 9th or 10th, or a less Part of the Whole (which is often the Case) 'tis not worth mentioning; for such Lands are seldom rated to the extended Value: But then 'tis confess'd, that when the reserv'd Rent amounts to a fourth, or a third Part of the Whole, there ought to be a Consideration and Allowance for it: And I hope, and believe, that the Equity in such a Case, when it does happen, is considered by the Churches and Colleges, whenever Leases are renewed that have so great a Rent reserv'd upon them.

And now, upon the whole Matter, if we will deal impartially, we have no reason to blame Colleges or Ecclefiastical Bodies, if they should take the Rates before mentioned for the Renewing of Leases, (viz.) one Year and a half's Value for the Renewing of feven; feeing in fuch Cases they would treat their Tenants as if Money was at 9 l. per Cent. and as if the total Value were but o Years Purchase. But if the Churchmen should demand, and take after the Rate of 6 1. per Cent. (which they are not likely to do,) they would afford Men of other Professions as little Reason to envy them for the Increase of their Revenues, as they would afford Occasion to their Tenants to blame them for their hard Usage. For the utmost that Clergymen in the best Circumstances can generally expect to do, is to live decently in a private Way, and to educate their Children in such a Manner, as by their own Industry, and a small Portion, they may be able to live above Contempt

tempt when their Parents are dead. Clergymen must not expect to get great Estates, and lay Foundations for building up Families by the Gains of their Profession; whereas every Age affords us many Instances of Families raised by other Professions.

How many great Families have been raised, and Estates gained within thirty Years last past, by Lawyers, Physicians, Merchants, and other Citizens, besides those that have had Places under the Civil Government, whose Sons sparkle in their Coaches and Six, and live in great Assumence, merely out of the Estates which their Fathers had gained by their Ingenuity and Industry? Neither are their Children envied, or the Parents blamed for it, but rather commended, if they have lest no Blot upon their Condust.

Whereas, tho' the Clergy of England are reputed to be about Ten thousand in Number, yet, how sew Instances (if any at all) can there be produced in half a Century, of any thing like a great Estate which a Clergyman has left to his Family by the Gains of his Profession? Yet it cannot be deny'd, but many of them are Men of such Abilities, that if they had chanc'd to have been bred to other Callings, they might probably have made as great a Figure, and heap'd together as great Estates as others have done.

But to be great and rich in this World, and to build up Families, neither is, nor ought to be their Aim: However, one would think they may be allow'd to improve what they have in

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a moderate Way, and to aim at keeping their Profession from being despised for its Poverty, as well as to take care at the fame Time, not

to disgrace it by their Immoralities.

Besides it must be owned that Clergymen lie under several Difficulties and Discouragements, in the improving of their Income, which other Men do not : Their Revenues are known to all about them, and fometimes magnified above their true Value; and 'tis expected of them that they should live up to what they have, or are reputed to have: Whereas the Cains of Men. of other Professions are unknown, and they are at liberty to live as privately and as frugally as they please.

Farther, Clergymen are rated to the public Taxes for their Revenues, but other Men are not taxed for the Gains of their Professions.

Again, Clergymen are ty'd down to their own Business, and debarred from engaging in any gainful Bufiness or Employment: Whereas Men of other Professions are at liberty to improve their Circumstances by any Way or Means they like best, over and besides the Trade and Bufiness they have been bred to.

Moreover, 'tis expected that Clergymen should give more in Charity or Alms than Laymen of greater Abilities, and we sometimes see, that they give as much, or more, in Charity, than their Neighbours who have Estates in Fee, that yield as great or a greater Income than Clergymens Estates do, and which only last for Life: So that 'tis in a manner imposfible for a Clergyman to make the same Im-

provements.

provements as a Layman may do of the like Revenues. I mention these things, to shew that the Clergy are none of the Number of those that are to be great and rich in this World. As for the parochial Clergy, they are far from being Objects of Envy to the meanest of the Laity: How sew are there that can make a Figure equal to a Country Attorney, or a substantial Tradesman? And tho the Attornies are not so numerous as to be one for every Parish, yet I dare engage, you may find sive small Estates gained by them, for one that has been gained by the Clergy of the same Country.

I take notice of these Things, as Reasons why Men should not grudge the Clergy their just Dues, upon a Supposition of their having more of the Goods of this World than they ought to have, when we see so many Men of all other Professions that have a much greater. Share than they, and yet are not blam'd nor

malign'd for it.

'Tis no great Wonder, if we should now and then hear of an ill-natur'd Clown, that has as little Religion as he has good Manners, envying and maligning his Parson (as he calls him) that manages well, and lives decently, and does not prostitute the Dignity of his Profession. But it would be very unaccountable, if Men of Sense and good Breeding should do so; such Men should consider the Necessity of a competent Income, not only to enable Clergymen to make Provisions for their Families, but also to do good among their Neighbours, as well-

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as to buy good Books, without which they cannot improve themselves in useful Know-

ledge.

I am fensible I have gone off from my Subject I wrote about, which is the Value of Leases; but I was tempted to do so, from an Apprehension I have, that the chief Reason why some of the Laity are on all Occasions inclinable to fancy that the Clergy take too much for their Fines, is because they are unwilling they should live in any decent Figure; tho' I have shown you, it must, at the best, be but in a private Way; and then can be no proper Objects of Envy in this Nation.

¿ I hope therefore you will pardon this Digression, which is not altogether so remote from the Subject I undertook to write to you

upon.

If any Man can be so partial to the Gentlemen, and others, that hold Estates of Churches or Colleges, as still to think those Bodies ought to take the same Fines as their Predecessors have done; let them consider, that the Churchmen may with as much reason tell the Gentlemen, that they ought to let or sell their Estates, at the same Rates which their Ancestors did a hundred Years ago; or, that a Farmer ought to sell his Corn now, at the same Price it was sold for then. Now if it be unreasonable to expect it in one Case, 'tis certainly so in the other.

There is no doubt, but there will be always good Encouragement for Men to take Leafes of Colleges or Ecclefiafical Bodies; for they being

being flowing Bodies, will be fure to let easier Bargains, than Gentlemen will who have Estates of Inheritance, whose Families can never lose by refusing a Fine, as those of Churchmen

may.

And therefore, tho' they should advance their Fines to the Proportion abovementioned, (viz) one Year and a half's Value for the Renewing of 7 Years, there is no fear of their wanting Tenants; unless we can suppose the Generality of the World to want common Sense, and not to be able to judge of a good. Bargain.

To fay, that Colleges and Churches shall never alter their Fines, is to say, in effect, they shall be deprived of the common Privileges allowed to the rest of Mankind; which must surely be looked upon as a very hard Saying in

a free Nation.

If therefore they should make a little Advance, yet they should be treated civilly, and have good Words given them; seeing it will be considerably under the Value of the Thing, and they will in such case treat the Laymen much more kindly than Laymen treat one another.

I hope you will pardon the Trouble of this Letter, which I undertook to write to make you easy, as well as to do Justice to those that have been blamed without a Cause.

July 1, 1718.

I am, &c.

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PART.

23418

TABLES

OF

SIMPLE INTEREST

Exactly computed;

For ONE to Twelve Months,

AND

For One to Ninety-one Days, or a Quarter of a Year

at 3, $3\frac{1}{2}$, 4, and 5 per Cent.

With other useful TABLES.

[106]

A TABLE of TIME shewing at one Substraction, of Days, between any two in the Year.

Jan.	Feb.	Mar.	Apr.	May	June	July	Aug.	Sep.	08	Nov.	Dec.
1		60								305	
2	33	61	92	122	153	183	214	245	275	306	336
3	34	62	93	123	154	184	215	246	276	307	337
4	35	63	94	124	155	185	216	247	277	308	338
5	36	64	95	125	156	186	217	248	278	309	339
6	37	65	96	126	157	187	218	249	279	310	340
7		66	97	127	158	188	219	250	280	311	341
\$	39	67	98	128	159	189	220	251	281	312	342
9		68								313	
10	41	69	-I CO	130	161	191	222	253	283	314	344
11	42	70	101	131	162	192	223	254	284	315	345
12	43	71	102	132	163	193	224	255	285	316	346
13	44	72	103	133	164	194	225	256	286	317	347
14	45	73	104	134	165	195	226	257	287	318	348
15	46	74	105	135	166	196	227	258	288	319	349
16		75	106	136	167	197	228	259	289	320	350
17	48	76	107	137	168	198	229	260	290	321	35 E
18	49	77	108	138	169	199	230	201	291	322	352
19		78	109	139	170	200	231	202	292	323	353
20	151	79	110	140	171	201	232	203	293	324	354
21		180	III	141	172	202	233	204	294	325	355
22	53	81	112	142	173	203	234	205	295	320	356
23	54	02	113	143	174	204	235	200	290	32/	357
24	55	03	114	144	175	205	230	269	29/	320	358
25	56	04	1115	145	170	200	23/	260	200	329	359
26 27	57	186	116	140	17/	208	220	270	299	221	361
28	59		117								
29		88	118	140	180	210	241	272	202	222	
30		80	120	150	181	211	242	272	302	221	364
31		100	120	151		212	243	1-/3	304	334	36:
5.	,	170	•	. , -			- 77	•	13-7		, , ,

the Number Explanation of the TABLE of TIME.

Jan. Feb. | Mar. 7 HAT is the Number of Days from April the 366 397 425 426 17th to July the 3d. Thus, 427 even with the Number 3 under 398 367 368 399 428 the Month July stands 184. 400 3691 429 Then against 17 under April, is 401 370 430 107, which substract, the An-402 371 fwer is 77. 372 403 431 404 432 373

EXAMPLE II.

375 406 434 407 435 What is the Number of Days 403 436 from November the 28th to March the 7th. Thus, even 438 with the Number 7 under the Month March in the 2d Year. 439 412 440 stands 431. Against 28 under November is 332, which sub-441 442 ftract, the Answer is 99.

I call it the 2d Year, because I have carry'd on 3 Months in another; which are to answer 446 any Question beginning at the latter End of one Year, and

proceeding to the next. 420 448 389 390 421 449

N. B. When it is Leap-Year, 450 add one to your Number, when 451 the Month February is concern'd 424 452 in the Question.

453 394 395 454

422

423

374 405 433

410 379

411 380

413

416 444

417 445

437

447

376

377

378 400

381

382

383 414

384 415 443

385

386

387 418

388 419

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For the more easy referring to the SUMS.

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1000		
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400	Special Specia	137
300	() () () () () () () () () ()	141
200		145
100		149
90	-	153
80	-	157
70		161
60	-	165
.50	-	169
40		173
30	-	177
20		181
10		185
. 9	and under,	189, 80.

INTEREST

1000%.

Months										5 per Ct.		
					5.						5.	d.
1	2	10	0	2	18	4	3	6	8	4	3	4
2	5	0	0	5	16	8	6	13	4	8	6	8
3	7	10	0	8	15	0	IO	0	0	12	10	0
4											13	
5	12	10	0	14	II	8	16	13	4	20	16	8
6	15	0	0	17	10	0	20	0	0	25	0	0
7	17	10	0	20	8	4	23	6	8	29	3	4
8	20	0	0	23	6	8	26	13	4	33	6	8
9	22	10	0	26							10	0
10	25	0	0	29	3	4					13	
11	27	10	0	32	1	8	36	13	4	45	16	8
12	30	0	0	35	0	0	40	0	0	50	0	0

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1000	3 per Cent.	Prsof	3 ½ per Ct.	Pts of
Days	1. s. d.	1000	1. s. d.	1000
31	2 10 11	506	2 19 5	424
32	2 12 7	232 958 684	3 1 4	438 452 465
33	2 14 2	958	3 3 3 3 3 5 2	452
34	2 15 10 2 17 6	684	3 5 2	465
35		410	3 7 1	479
36	2 19 2	136 863	3 9 0	493
37	3 0 9	863	3 10 11	506 520
38	3 2 5 3 4 1	589	3 12 10	520
39	3 4 1 3 5 9	315	3 14 9 3 16 8	534
		767		<u>547</u> <u>561</u>
4 I 4 2	3 7 4 3 9 0		3 18 7	501
43	3 10 8	493	4 2 5	575 589 602
44	3 12 3	945	4 4 4	602
45	3 13 11	671	4 6 3	616
46	3 15 7	397	4 8 2	630
47	3 17 3	123	4 10 1	643
48	3 18 10	849	4 12 0	657
49	4 0 6	575	4 13 11	671
50	4 2 2	301	4 15 10	684
51	4 3 10	027	4 17 9	698
52	4 5 5 4 7 I	753		712 726
53	4 5 5 4 7 1 4 8 9	479 205	5 1 7 5 3 6	739
54	4 10 4	931	5 5 5	753
- 55	4 12 0	657	5 7 4	767
56 57	4 13 8	383		780
58		109	5 9 3 5 11 2	794
58 59 60	4 16 11	835		808
60	4 18 7	561	5 13 1	821

L	1	113	J'	T.
1000	4 per Cent.	Pts of	5 per Cent.	Pts of
Days	1. s. d.	1000	1. s. d.	1000
31	3 7 11	342	4 4 11	178
32	3 10 1	643	4 7 8	054
33	3 1,2 3	945	4 10 4	931
34	3 14 6 3 16 8	246	4 13 1	808
35		547		
36	3 18 10	849	4 18 7 5 I 4	561 438
37 38	4 3 3	452	5 4 1	315
39		753	5 6 10	191
40	4 5 5 4 7 8	054	5 9 7	068
41	4 9 10	356	5 12 3	945
42	4 12 0	657	5 15 0	821
43	4 14 2	958	5 17 9 6 0 6	698
44	4 16 5 4 18 7	561	6 0 6 6 3 3	575
45		863	6 6 0	452
46	5 0 9 5 3 0	164		328
48	5 3 0 5 5 2	465	6 8 9	082
49	5 7 4	767	6 14 2	958
50	5 9 7	068	6 16 11.	835
51	5 11 9	369	6 19 8	712
52	5 13 11	671.	7 2 5	589
53	5 16 1	972	7 5 2	465
54	5 18 4	273	7 7 11 7 10 8	342
55	6 2 8	<u>575</u> 876		-
57	6 4 11	178	7 13 5 7 16 1	095 972
58	6 7 1	479	7 18 10	849
59	6 9 3	780	8 I 7	726
60	611 6	082	8 4 4	602
7- 1		K 3		

	Ł	T	1	
1000	3 per Cent.	Pts of	3 t per Ct.	Pas of
Days	1. s. d.	1000	1sd.	1000
61	5 0 3	287	5 16 11	835
62	5 1 11	013	5 18 10	849
63	5 3 6	739		863
64	5 5 2 5 6 10	465	6 2 8	876
65		191	6 4 7	890
66	5 8 - 5	917	6 6 6	904
67	5 10 1	643	6 8 5	917
68	5 11 9	369	6 10 4	931
69	5 13 5	095	6 12 3	945
70	5 15 0	821	6 14 2	958
71 72	5 16 8	547	6 16 1	972
72	5 18 4	273	6 18 0	986
73	6 0 0	726	700	010
74	1 , '	452	7 1 11 7 3 10	013
75 76		178		1
70	6 6 6	904	7 5 9 7 7 8	041
77 78	6 8 2	630		054
79	6 9 10	356	7 9 7 7 11 6	082
80	6 11 6	356 082	7 13 5	095
81	6 13 1	808	7 15 4	109
82	6 14 9	534	7 17 3	123
83	6 16 5	260		137
84	6 18 0	986	8 1 1	150
85	6 19 8	712	8 3 0	164
86	7 1 4	438	8 4 11	178
87	7- 3-0	164	8 6 10	191
88	7 4 7	890	8 8 9	205
89	7 6 3	616		219
90	7 7 11	342	8 12 7	232
91	7 9 7 1	0000	8 14 6	246

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1000	4 per Cent.	Pes of	5 per Cent.	Pts of
Days	1. s. d.	1000	1. s. d.	1000
61	6 13 8	383	8 7 1	479
62	6 15 10	684	8 9 10	356
63	6 18 0	986	8 12 7	232
64	7 0 3	287	8 15 4	109
65	7 2 5	589	8 18 0	986
- 66	7 4 7	890	9 0 9	863
67	7 6 10	191	9 0 9 9 9 9 9	739
68	7 9 0	493	9 3 6 9 6 3	616
69	7 11 2	794	990	493
70	7 13 5	095	911 9	369
71	7 15 7	397	9 14 6	246
72	7 17 9	698	9 17 3	123
73	8 0 0		10 0 0	- 43
74	8 2 2	301	10 2 8	876
75	8 4 4	602	10 5 5	753
76	8 6 6	904	10 8 2	630
77	8 8 9	205	10.10 11	506
78	8 10 11	506	10 13 8	383
79	8 13 1	808	10 16 5	260
80	8 15 4	109	10 19 2	136
81	8 17 6	410	11 1 11	013
82	8 19 8	712	11 4 7	890
83	9 1 11	013	11 7 4	767
84	9 4 1	315	11 10 1	643
85	9 6 3	616	11 12 10	520
86		917	11 15 7	397
87	9 8 5 9 10 8	219	11 18 4	273
88	9 12 10	520	12 1 1	150
89	9 15 0	821	12 3 10	027
90	9 17 3	123	12 3 10	904
91	9 19 5	424	12 9 3	780
	, , ,			

THE Interest of 1000 l. is computed to the thousandth Part of a Penny, for the Use of those who require an Exactness in casting up the Interest of large Sums.

EXAMPLE.

What is the Interest of 100,000 l. for 25 Days at 4 per Cent. per Ann?

Interest 1000 l. 25 Multiply	s. 14		
Interest 10,000 Multiply by Answer	 -	11 340 - 10 5 1000 of a	or $\frac{2}{5}$ Penny.

Months				3 1/2/	er (it.	4 \$	er (īt.	5 per Ct.		
	1.	5.	d.	7.	5.	d.	1.	5.	d.	1.	5.	d.
1	2	5	0	2	12	6	3 6	0	0	3	15	0
2	4	10	0	5	5	0	6	0	0	7	10	0
3	6	15	0	7	17	6	9	0	0	II	5	0
		0								15		
							15	0	0	18	15	0
							18			22		
7	15	15	0	18	7	6	21	0	0	26	5	0
8	18	0	0	21	0	0	24			30		
- 9	20	5	0	23	12	6	27	0	0	33	15	0
		10						0	0	37	10	0
							33	0	0	41.	- 5	0
12	27	0	0	31	10	0	36	0	0	45	0	0

				L	7		-					
900 1.	3	per	Ct.	3	per	Ct.	4	per	Ct.	5	per	Ct.
Days	1.	s.	d.	1.	5.	d.	1.	5.	d.	1.	5.	d.
1	0	1	5	0	1	8	0	I	11	0	2	5
2	0	2	ΙI	0	3	5	0	3	II	0	4	H
3	0	4	5	0	5	2	0	5	11	0	7	4
4	0	5	11	0	6	10	0	7	10	0	9	10
_ 5	0	7	4	0	8	7	0	9	10	0	12	3
5	0	8	10	0	10	4	0	II	10	0	14	9
7	0	10	4	0	12	0		13	9	0	17	
8	0	II	10	0	13	9	0	15	9	0	19	3
9	0	13	3	0	15	6	0	17	9	I	2	2
10	0	14	9	0	17	3	0	19	8	1	4	7
11	0	16	3	0	18	11	ī	I	8	I	7	1
12	0	17	9	1	0	8	1	3.	8	1	9	7
13	0	19	2	1	2	5	1	5	7	I	12	Ó
14	I	0	8	Į	4	I	ī	7	7	I	1.4	6
15	I	2	2	1	5	10	I	9	7	I	16	II
16	ľ	3	8	I	7	7	I	Ik	6	I	19	5
17	1	5	1	1	9	4	ı	13	6	2	ī	11
18	I	6	7	I	II	0	1	15	6	2	4	-4
19	I	8	I	1	12	9	I	17	5	2	6	10
20	I	9	7	I	14	6	I	19	5	2	9	3
21	I	11	0	ī	16	2	2	1	5	2	11	9
22	I	12	6	I	17	11	2	3	4	2	14	2
23	I	14	0	I	19	8	2	5	4	2	16	8
24	I	15	6	2	I	5	2	7	4	2	19	2
25	1	16	II	2	3	1	2	9	3	3	I	7
26	I	18	5	2	4	10	2	II	3	3	4	1
27	ī	19	II	2	6	7	2	13	3	3	6	6
28	2	I	5	2	8	3	2	15	2	3	9	0
29	2	2	10	2	10	0	2	17	2	3	II	6
30	2	4	4	2	11	9	2	19	2	3	13	II

				F								
9001.	3	per	Ct.		per	_	4	per	Ct.	5	per	Ct.
Days	1.	s.	4.	1.	5.	d.	l.	S.	4	l.	5.	d.
31	2	5	10	2	13	6	3	1	1	3	16	5
32	2	7	4	2	15	2	3	3	-1	3	18	10
33	2	8	9	2	16	II	3	5	1	4	1	4
34	2	10	3	2	18	8	3	7	0	4	3	10
35	2	11	9	3	0	4	3	9	0	4	6	3
36	2	13	3	3	2	I	3	II	0	4	8	9
37	2	14	8	3	3	10	3	12	II	4	11	2
38	2	16	2	3	5	7	3	14	II	4	13	8
39	2	17	8	3	7	3	3	16	11	4	16	I.
40	2	19	2	3	9	0	3	18	10	4	18	7
_	3	0	7	3	10		-	0	10	5	1	-
41	3	2	I	3	12	9	4	2	10			6
	3			3	14	5 2	4			5	. 6	0
43		3	7	3		11	4	4	9	5	8	
44	3	5	6	3	15	8	4	8	9	5	10	5
45				-	-	-	-		9	5		-
46	3	8	0	3	19	4	4	10	8	5	13	5
47	3	9	6	4	I	I	4	12	8	5	15	10
48	3	11	0	4	2	10	4	14	8	5	18	4
49	3	12	5	4	4	6	4	16	7	6	C	9
50	3	13	11	4	6	3	4	18	7	6	3	3
51	3	15	5	4	8	0	5	0	7	6	5	9
52	3	16	II	4	9	9	5	2	6	6	8	2
53	3	18	4	4	II	5	5	4	6	6	10	8
54	3	19	10	4	13	2	5	6	6	6	13	I
55	4	1	4	4	14	11	5	8	-5	6	15	7
56.	4	2	10	4	16	7	5	10	5	6	18	0
57	4	4	3	4	13	4	5	12	5	7	0	6
58	4	5	9	5	0	I	5	14	4	17	3	0
59	4	7	3	5	I	10	5	16	4	7	5	5
60	4	8	9		3	6	5	18	4	7	7	11
	3 8	12	-	,					-		,	

9001.	13	per	Ct.	3	per		4	per	Ct.		ber	Ct.
Days	12.	5.	d.	1.	5.	d.	1.	5.	d.	l.	5.	d.
61	14	10	2	5	5	3	6	0	3	7	10	4
62		11	8	5	7	0	6	2	3	7	I 2	10
63	14	13	2	5	8	8	6	4	3	7	15	4
64	14	14	8	5	10	5	6	6	2	7	17	9
65	4	16	1	5	12	2	6	8	2	8	0	3
66	4	17	7	5	13	II	5	10	2	8	2	8
67	4	19	- 1	5	15	7	6	12	1	8	5	2
68	15	0	7	5	17	4	6	14	1	8	7	8
69	5	2	6	5	19	I	6	16	1	8	10	I
70	15	. 3		0	0	9	6	18	0	8	12	7
71	15	5	0	6	2	6	7	0	0	8	15	0
72	5		6	6	4	3	7	2	0	8	17	6
73	5	8	0	6		0	7	4	0	9	0	0
74	. 5	9	5	6	7	8	7	5	II	9	2	5
75	5	10	11	6	9	5	7	7	11	9	4	II
76	5	I 2	5	6	II	2	7	9	II	9	7	4
77	5	13		6	12	10	7	II	10	9	9	10
77 78	5	15	4	6	14	7	7	13	10	9	12	3
79 80	15	16	10	6	16	4	7	15	10	9	14	9
80	5	18	4	6	18	0	7	17	9	9	17	3
81	5	19	10	6	19	9	78	19	9	9	19	8
82	6	I	3	7	I	6	8	I	9	10	2	2
83	6	2	9	7	3	3	8	3	8	10	4	7
84	6	4	3	7	4	11	8	5	8	10	7	1
85	6	5	9	7	6	8	8	7	8	10	9	7
85	6	7	2	7	8	5	8	9	7	10	12	0
87	16	8	8	7	10	1	8	II	7	10	14	6
88	16	10	2	7	11	10	8	13	7	10	16	II
89	6	11	8	7	13	7	8	15	6	10	19	5
90	6	13	I	7	15	4	8	17	6	ΙI	1	II
91	16	14	7	17	17	0	8.	19	6	II	4	4

Months	3 p	er C	it.	3=7	er C	t.	4 \$	er C	t.	5 p	er C	70.0
	1.	5.	d.	1.	5.	d.	7.	5.	d.	7.	s.	d.
1	2	0	0	2	6	8	5 8	13	4	3	6	8
2	4	0	0	4	13	4	5	6	8	6	13	4
3	6	0	0	7	0	0	8	0	0	10	0	0
4	8	0	0	9	6	8	10	13	4	13	6	8
5		0	0	II	13	4	13	6	8	16	13	4
6	12						16					
7	14	0	0	16	6	8	18	13	4	23	6	8
8	16	0	0	18	13	4	21	6	8	26	13	4
9	18	0	0	21	0	0	24	0	0	30	0	0
10	20	0	0	23	6	8	26	13	4	33	6	8
- 11	22	0	0	25	13	4	29	6	8	36	13	4
12	24	0	0	28	0	0	32	0	0	40	O	0

*					1	14	. 4	1					
Sec	o 1.	-	per	Ct.	3 2	per	Ct.		per	Ct.	5	per	Ct.
D	ays	1.	s.	d.	1.	5.	d.	1.	5.	d.	l.	Ś.	d.
	1	0	1	3	0	-I	6	0	1	9	0	2	2
	2	0	2	7	0	3	0	0	3	6	0	4	4
	3	0	3	11	0	4	7	0	5	3	0	6	6
	4	0	5	3	0	6	1	0	7	0	0	8	9
	5	0	6	6	0	7	8	0	8	9	0	10	II
	6	0	7	10	0	9	2	0	10	- 6	0	13	1
	7	0	9	2	0	10	8	0	12	3	0	15	4
	8	0	10	6	0	12	3	0	14	0	0	17	6
	9	0	11	10	0	13	9	0	15	9	0	19	8
	of	0	13	1	0	15	4	0	17	6	1	I	11
	II	0	14	5	0	16	10	0	19	3	I	4	- 1
	12	0	15	9	0	18	4	1	1	0	I	6	3
	13	0	17	I	0	19	II	I	2	9	1	8	5
	14	0	18	4	I	1	5	I	4	6	I	10	
	15	0	19	8	I	3	0	I	6	3	I	12	10
	16	1	1	0	1	4	6	1	8	0	I	15	0
8	17	I	2	4	I	6	0	1	9	9	I	17	3
		1	3	8	I	7	7	1	11	6	I	19	5
	19	1	4	11	I	9	1	I	13	3	2	I	7
-	20	I	6	3	I	10	8	I	15	0	2	3	10
	21	I	7	7	1	12	2	1	16	9	2	6	0
	22	1	8	11	I	13	9	1	18	6	2	8	2
	23	1	10	2	1	15	3	2	0	3	2	10	4
	24	I	II	6	1	16	9	2	2	0	2	12	7
	25	1	12	10	I	18	4	2	3	10	2	14	9
	26	1	14	2	I	19	10	2	5	7	2	16	11
	27	I	15	6	2	1	5	2	7	4	2	19	2
	28	1	16	9	2	2	II	2	9	1	3	1	4
	29	1	18	1	2	4	5	2	10	10	3	3	6
	30	I	19	5	2	6	0	2	12	7	3	5	9

[123]

	800 l. 3 per Ct. 3 2per Ct. 4 per Ct. 5 per Ct.													
800%	3	per	Ct.	3	per	Ct.	4	per	Ct.	-	per	Ct.		
Days	1.	5.	d.	1.	5.	d.	1.	5.	d.	1.	5.	d.		
31	2	0	9	2	7	6	2	14	4	3	7	11		
32	2	2	0	2	9	1	2	16	1	3	10	1		
33	2	3	4	2	10	7	2	17	10	3	12	3		
34	2	4	8	2	12	1	2	19	7	3	14			
35	2	6	0	2	13	8	3	I	4	3	16	8		
36	2	7	4	2	15	2	3	3	I	3	18	10		
37	2	8	7	2	16	9	3	4	10	4	1	I.		
38	2	9	II	2	18	3	3	6	7	4	3	3		
39	2	11	3	2	19	10	3	8	4	4	5	5		
40	2	12	7	3	I	4	3	10	I	4	7	8		
41	2	13	II	3	2	10	3	II	10	4	9	10		
42	2	15	2	3	4	5	3	13	7	4	12	0		
43	2	16	6	3	5	11	3	15	4	4	14	2		
44	2	17	10	3	-7	6	3	17	1	4	16	5		
45	2	19.	2	3	9	0	3	18	10	4	18	_7		
46	3	0	5	3	10	6	4	'0	7	5	0	9		
47	3	I	9	3	12	I	4	2	4	5	- 3	٥٠		
48	3	3	I	3	13	7	4	4	1	5	5	2		
49	3	4	5	3	15	2	4	5	11	5	7	4		
50	3	5	9	3	16	8	4	7	8	5	9	7		
	3		0	3	18	2	4	9	5	5	11	9		
51 52	3	7	4	3	19	9	4	11	2	5	13	11		
53	3	9	8	4	1	3	4	12	11	5	16	1		
54	3	11	0	4	2	10	4	14	8	5	18	4		
55	3	12	3	4	4	4	4	16	_5	6	C	6		
56	3	13	7	4	5	11	4	18	2	56	2	8		
57	3	14	11	4	7	5	4	19	11	6	4	11		
57 58	3	16	3	4	8	11	5	1	8	6	7	1		
59	3	17	7	4	10	6	5	3	5	6	9	3		
60	3	18	10	4	12	0	5	5	2	6	11	- 6		
	,									•				

				L	-	Т .	ذ					
Soo 1.	3 P	er (t.	3 =	per		41	er	Ct.		er (-
Days	1.	5.	d.	1.	5.	a.	1.	5.	d.	1.	s.	d.
61	4	0	2		13	7	5	6	11	6	13	8
62	4	1	6		15	1	5	8	8	6	15	1.0
63	4		1.0		16	7	5	10	5	6	18	0
64	4	4	I	4	18	2	5	12	2	.7	0	3
65	4	5	5	4	19	8	5	13	11	7	2	5
66	4	6	9	5	1	3	5	15	8	7	4	7
67	4	8	1	5 5 5	2	9	5	17	5	7	6	
68	4	9	5 8	5-	4	3	5	19	2	7	9	0
69	4	10		5	5	10		0	1·1	7	1:1	2
70	4	12	0	5	7	4	6	2	8	7	13	5
71	4	1.3	4	5	8	II	6	4	5 2	7	15	7
72	4	14	8	5	10	5	6	6	2	7	17	9
73	4	16	0	5	12	0	6	8	0		0	0
74	4	17	3	5	13	6	6	9	9	8	2	2
75	4	1.8	7	5	15	_0	6	11	_		4	4
76 77 78	4	19	11	5	16	7	6	13	3	8	6	6
77 78	5	1	3	5 6	18	1	16	15	C		8	9
78	5	2.		15	19	8				8	10	
79 80	5	3	10	6	2	2		18			1.3	1
		5	2			8				8	15	4
81	5	6	6	6	4	3	7	2			17	6
82	15	7	10	6	5 7	9	7	3		8		8
83	5	9	_ I	6	8	10	17	5		9	I	
84	5	10	5		10			7		3 9	6	1
83 84 83	13		9			4	36	9		9		-
86	5 1 5		I		II	I	17) (9		
87	3	14	4	6	13	-	7	12		6 9		
88		15	8	6	15	(7	14		3 9		
80			(18					0 9		
90	0 5	18					- 1 '			9 9		
9	1 5	19		10	19		7: 7	10	9	9	119	5

Months												
	1.	s.	d.	1.	5.	d.	1.	5.	d.	7.	s.	d.
1	I	15	0	2	. 0	10	2	6	8	2	18	4
2	2	10	0	A	Y	8	4	13	4	5	16	8
3	5	5 0 15 10	0	6	2	6	7	0	0	8	15	0
4	7	0	0	8	3	4	9	6	8	11	13	4
5	8	15	0	10	4	2	II	13	4	14	11	8.
6	10	10	0	12	5	0	14	0	0	17	10	0
7	12	5	0	14	5						8	
8	14	0	0	16	6	8	18	13	4	23	6	8.
9	15	15	0	18	7	6	21	0	0	26	5	0,
		10			8	4	23	6	8	29	.3	4
		5			9	2	25	13	4	32	1	8
12	21	0	0	24	10	0	28	0	0	35,	0	0

	700 1. 3 per Ct. 3 per Ct. 4 per Ct. 5 per Ct.													
700	0 4.	3	per	Ct.	3 1	per	Ct.	4	per	Ct.	5	per	Ct.	
D	ays	1.	5.	d.	I.	5.	d.	1.	5.	d.	1.	5.	d.	
	1	0	I	1	0	ι	4	0	1	6	0	1	11	
	2	0	2	3	0	2	8	0	3	0	0	3	10	
	3	0	3	5	0	4	0	0	4	7	0	5	9	
	4	0	4	7	0	5	8	0	6	I	0	7	9 8	
-	6	0	5	9	0	6	8	0	7	8	0	9	7 6	
	6	0	6	10	0	8	0	0	9	2	0	II	6	
	7	O	8	0	0	9	4	0	10	8	0	13	5_	
		0	9	2	0	10	8	0	12	3	0	15	4	
	9	0	10	4	0	12	0	0	13	9	0	17	3	
- 2	10	0	II	6	0	13	5	0	15	4	0	19	2	
149	1·I	0	12	7	0	14	9	0	16	10	1	I	ľ	
	12	0	13	9	0	16	I	0	18	4	I	3	0	
	1.3	0	14	II	0	17	5	0	19	I I	1	4	11	
	14	0	16	I	0	18	9	I	1	5	1	6	10	
	1.2	0	17	3	I	0	1	I	3	0	I	8	9	
,	16	0	18	4	I	I	5	I	4	6	I	10	8	
1	17	0	19	6	I	2	9	I	6	0	ι	12	7	
	18	I	0	8	I	4	1	1	7	7	1	14	6	
	19	I	I	10	I	5	6	ī	9	I	I	16	5	
	20	I	3	0	I		10	1	,10	8	I	18	4	
	21	I	4	1	I	8	2	1	12	2	2	0	3	
	22	I	5	3	1	9	6	I	13	9	2	2	2	
	23	ı	6	5	I	10	10	I	15	3	2	4	1	
	24	ŀ	7	7	I	12	2	I	16	9	2	6	0	
	25	1	8	9	1	13	6	I	18	4	2	7	11	
	26	1	9	11	I	14	10	I	19	10	2	9	10	
	27	I	11	0	1	16	2	2	I	5	2	11	9	
	28	I	12	2	1	17	7	2	2	II	2	13		
	29	I	13	4	I	18	II	2	4	5	2	15	7	
	30	I	14	6	2	0	3	12	6	0	12	17	6	

		L -	-1	3		_			
700 l. 3 per	-		·Ct.	4	per		5	per	Ct.
Days 1. s.		. 5.	d.	1.	s.	d	7.	5.	ď.
31 1 15	8 :	2 1	7	2	7	6	2	19	5
		2 2	11	2	9	I.	3	I.	4
3.3 1 17		2 4	3	2		7	3	3.	3
34 1 19		- 2	7	2	12	1	3	5	2
35 2 0	3 2		İI	2	13	8	3	7	I
36 2 I 37 2 2 38 2 3	5 2	2 8	3 8	2	15 16	2	$\frac{3}{3}$	9	a
37 2 2				2	16	9	3	10	II
38 2 3	8 2		0	2	18	3	3	12.	10
39 4			4	2	19	10	3	14	9
40 2 6	0 2			3	1	4	3	16	8
41 2 7	2 2	15	0	3 3 3	2	10	3	18	7.6
			4 8	3	4	5	4	0	6.
43 2 9	512		8	3	5	5	4	2.	5
44 2 10	7 2		0	3	7	6	4.	4	4
45 2 11	9 3	0	4	3 3	9	0	4	6	3
46 2 12	11 3	I	9	3	10	6	4	8	2
47 2 14	0 3		1	3	12	1	4	10	I
47 2 14 48 2 15 49 2 16	2 3	4	5	3	13	7	4	12	0
49 2 16		5 7	9	3	15	8	4	13	11
50 2 17	$\frac{6}{8} \frac{3}{3}$	7	1	3		_	4	15	10
51 2 18	8 3	8	5	3	18	2	4	17	9
51 2 18 52 2 19 53 3 0	10 3		9	3	19	9	4	19	9
53 3 0	11 3	II	1	4	1	3	5	1	7
54 3 2	1 3	12	5.	4	2	10	5	3	
55 3 3	3 3	13	10	4	4	4	5	5	_5
56 3 4 57 3 5 58 3 6	1 1 3 1 3 3 3 5 3	15	2	4	5	11	5	7	4
57 3 5 58 3 6	7 3	16	6	4	7 8	5	5	9	3
58 3 6	8 3	17	IO	4	8	II	5	11	2
59 3 7	10 3		2		10	6	5	13	1
60 3 9	014	. 0	6	4	12	0	5	15	0
4 16-19	1		12				-	110	
								0	

450		20	0	, L		~	1		-	,		-
7001.	3	per	Ct.	3 1/2	per	Ct.	4	per	Ct.	5	per	Ct.
Days 61	1.	s.	d.	1.	s.	d.	I.	5.	d.	I.	5.	d.
61	13	10	2	4	1	10	4	13	7	5	16	II
62	3	II	4	4	3	6	4	15	1	5 5 6	18	10
63	3	12	5 7	4	4		4	16	7	6	0	9
64	13	13	7	4	15	11	4	18	8	6	2	8
65	3	14	9	4	7	3	4	19		6	4	7
. 66 67 68	3	15 17 18	11 1 2	4	8	7	<u>4</u> 5	I	3 9	6	6	7
67	13	17	1	4	9	7	5		9	6	8	
68	3	18	2	4	11	3	5	2 4	3	6	10	5 4
69	3	19		4	12	7	5	5	3	6	12	3
70	4	0	4	4	13	11	5	5 7	4	6	14	2
71	4	1	8	4	15	3	5	8	11	6	16	-1
72	4		10	4	16	7	5	10	5	6	18	0
73	4	2	0	4	18	0	5	12	0	7	0	0
74	4		1	4	19		5	13	6	7	1	11
75	4	5	3		ó	4 8	5	15		7	3	10
72 73 74 75 76 77 78	4	7	-	5 5	2	0	5 5 5 5 5 5 5 5 5 6	16	7 1 8	77		
77	4	7 8 9	5 7	5	3		5	18	1	7	5	9
78	4	9	9	5	4	4 8 0	5	19	8	7	q	
79	4	10	9	5	4	0		Í	2	7	9	76
79 80	4	12	0		7	4	6	2	8	7	13	5
81	4		2	5	8	8	6	1	3 9 4 10	777777778		4
81 82	4	13			10	8	6	4 5 7 8	9	7	15 17 19	3
83	4	15	467	5	11	5	6	7	4	7	19	2
84	4	15	7	5	12	5	6	8	10	8	1	1
85	4	17	9	5	14	1		10	4	8	3	0
85	4	18	11	5		5	6	II	11	8	À	11
. 84		0	1	5	15	9	6	13		8	4	10
87	5	1	3	5	18	1	6	15	5	.8	8	
89	5	2	4		19	5	6	16	6	8	10	9
90	5	. 2	4	5	0	9	6	15 16 18	0	8	12	
91	5	3	8	6	2	1	6	19	7	8	14	76
3.	3	7	1		_			,				-

Months	3 1	er C	it.	37	per	Ct.	14 1	ber (t.	5 P	er C	t.
	1.	5.	d.	1.	5	d.	1.	5.	d	1.	5.	d.
		10										
2	3	0.	0	3	10	0	4	0	0	5	0	0
3	4	10	0	5	5	0	6	0	0	7	10	0
4	6	0	0	7	0	0	8	0	0	10	0	0
5	7	10	0	8	15	0	10			12		
6	9	10	0	10	10	0	12	0	0	15	0	0
7	10	10	0	12	5	0	14	0	0	17	10	0
8	12	0	0	14	0	0	16	0	0	20	0	0
9	13	10	0	15	15	0	18	0	0	22	10	0
		0						0	0	25	0	0
		10								27		
12	18	0	0	21	C	0	24	0	0	30	0	0

	_			-	-		2					
6001	3	per	Ct.	3 2	per	Ct.	4	per	Ct.	15	per	Ct.
Days	1.	5.	d.	1.	s.	d.	1.	5.	d.	Z.	5.	d.
1	0	0	11	0	1	1	0	1	3	0	1	7
2	0	1	II	0	2	3	0	2	7	0	3	3
- 3	0	2	1 I	0	3	5	0	3	11	0	4	11
4	0	3	11	0	4	7	0	5	3	0	6	6
5	0	4	II	0	5	9	0	6	_6	0	8	2
6	0	5	11	0	6	10	0	7	10	0	9	10
7 8	0	6	10	0	8	0	0	9	2	0	11	6
	0	7	10	0	9	2	0	10	6	0	13	1
9	0	8	10	0	10	4	0	11	10	0	14	9
10	0	9	10	0	II	6	0	13	1	0	16	5
11	0	10	10	0	12	7	0	14	5	0	18	0
12	0	II	10	0	13	9	0	15	9	0	19	8
13	0	12	9	0	14	11	0	17	I	I	1	4
14	0	13	9	0	16	I	0	18	4	1	3	0
15	0	14	9	0	17	3	0	19	8	1	4	7
16	0	15	9	0	18	4	I	1	0	1	6	3
17	0	16	9	0	19	6	1	2	4	1	7	II
18	0	17	9	1	0	8	I	3	8	1	9	7
19	0	18	8	I	I	10	I	4	11	1	11	2
20	0	19	8	1	3	0	I	6	3	1	12	10
21	1	0	8	1	4	1	I	7 8	7	ŀ	14	6
22	1	1	8	1	5	3	I		11	I	16	I
23	I	2	8	1		5	1	10	2	1	17	9
24	I	3	8	I	7 8	7	I	II	6	1	19	5
25	1	4	7	I	8	9	1	12	10	2	I	1
26	1	5	7	I	9	11	I	14	2	2	2	8
27	I		7	I	11	0	I	15	6	2	4	4
28	I	7 8	7	ī	12	2	I	16	9	2	6	0
29	1		7	I	13	4	I	18	1	2	7	8
30	I	9	71	I	14	6	1	19	51	2	9	3

[131] .

600 l. 3 per Ct 3 per Ct. 4 per Ct. 5 per Ct.													
600 1.	3	per	Ct	3 =	per	Ct.	4	per	Ct.	5	per	Ct.	
Days	1.	5.	d.	1.	5.	d.	1.	5.	d.	1.	5.	4.	
31	I	10	6	I	15	8	2	0	9	2	10	11	
32	ĩ	II	6	I	16	9	2	2	0	2	12	7	
33	I	12	6	I	17	11	2	3	4	2	14	2	
34	£	13	6	ľ	19	1	2	4	8	2	15	10	
35	I	14	6	2	0	3	2	6	0	2	17	6	
36	I	15	6	2	1	5	2	7	4	2	19	2	
37	I	16	5	2	2	5	2	8	7	3	0	9	
38	1	17	5	2	3	8	2	9	11	3	2	5	
39	I	18	5	2	4	10	2	11	3	3	4	I	
40	ı	19	5	2	6	0	2	12	7	3	5	9	
41	2	0	5	2	7	2	2	13	II	3	7	4	
42	2	I	5	2	8	3	2	15	2	3	9	o	
43	2	2	4	2	9	5	2	16	6	3	10	8	
44	2	3	4	2	10	7	2	17	10	3	12	3	
45.	2	4	4	2	11	9	2	19	2	3	13	II	
46	2	5	4	2	12	11	3	0	5	3	15	7	
47	2	6	4	2	14	0	3	I	9	3	17	3	
48	2	7	4	2	15	2	3	3	I	3	18	10	
49	2		3	2	16	4	3	4	5	4	0	6	
50	2	9	3	2	17	6	3	5	9	1	2	2	
51	2	10	3	2	18	8	3	7	0	4	3	10	
52	2	II	3	2	19	10	3	8	4	4	5	5	
53	2	12	3	3	0	11	3	9	8	4	7	1	
54	2	13	3	3	2	1	3	II	0	4	8	9	
5-5	2	14	2	3	3	3	3	12	_3	4	10	4	
56	2	15	2	3	4	5	3	13	7	4	12	0	
57	2	16	2	3	5	7	3	14	11	4	13	8	
58	2	17	2	3.		8	3	16	3	4	15	4	
59	2	18	2	3	7	10	10	17	7	4	16	11	
60	12	19	2	13	9	0	13	18	10	14	18	7	

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600%.	3	per	Ct.	3	t per	rCt.		per	Ct.	15	per	Ct.
Days	1.	s.	d.	Z.	s.	d.		15.	d.	1.	s.	d.
61	3	0	I	3	10	2	4	0	6	5	0	3
62	3	I	1	3	11	4	4	I	6	5	1	6
63	3	2	ī	3	12	5	4	2	10	5	3	
64	3	3	1	3	13	7	4	4	1	5	5	2
65	3	4	I	3	14	9	4	5	5	5_		10
66	3	5	I	3	15	II	4	6	9	5	8	5
67 68	3	5	0	3	17	1	4	8	1	5	10	I
68	3	7 8	0	3	18	2	4	9	5	5	II	9
69	3		0	3	19	4	4	10	8	5	13	5
70	3	9	0	4	0	6	4	12	0	5	15	0
71	3	10	0	4	1	8	4	13	4	5	16	8
72	3	11	0	4	2	10	4	14	8	5	18	4
73	3	12	0	4	4	0	4	16	0	6	0	0
74	3	12	II	4	5	I		17	3	6	1	7
75	3	13	11	4	6	3	4	18	7	6	3	3
76	3	14	11		7	5	4	19	11	6	4	II
77	3	15	11	4	8	7	4 5	I	3	6	6	6
78	3	16	11	4	9	9		2		6	8	2
79 80	3	17	14	4	10		5	3	10	6	9	10
	3	18	10	4_	12	0	5	5	2	6	11	6
81	3	19	10	4	13	2	5 5	6	6	6	13	I
8.2	4	0	10	4	14	4	5	7	10	6	14	9
83	4	1	10	4	15	6	5	9	1		15	5
84	4	2	10	4		7	5	10	5		18	0
83 84 85	4	3	10	4	17	9	5	II	9	6	19	8
86	4	4	9	4	18	11	5	13	1	7	I	4
87	4	5	9	5	0	1	5	14	4	7	3	0
88	4	6	9	5	1	3	5	15	8	7	4	7
	4	7 8	9.	5	2	4	5	17	0	7	6	3
	4		9	5	3	6	5	18	4 8	7	7	II
91).	4	9	91	5	4	8	5	19	81	7	9	7
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INTEREST 500 l.

10. 0 20

					L) T	3					
50	00 1.	3	per	· Ct.			r Ct	14	per	Ct.	15	per	Ct.
1	Days	12.	. 5.	d.	12.	5.	d	. 1.	5.	d.	1.	5.	d.
	I	0	0	9	0	0	II	10	I	1	0	I	4
	2	0	I			I	11	0	2	2	0	2	8
	3	0	2	5	0	2	IC	0	3	3	0	4	1
-	4	0	3	3	0	3	IC	0	4	4	0	5.	5
-		0	4	. 1	0	4	9	0	5	5	0	6	IO
	5	0	4	ÎI	0	-5			6	6	0	8	2
	7	0			0	5	9	0	7	8	0	9	7
	7 8	0	5	9	0	7	* 8	0	8	9	0	10	11
	9	0	7	4	0	8	7	0	9	10	0	12	3
	10	0	8	2	0	9	7	10	. 10	11	0	13	8
_	11	0	9	0	0	TO	6	1	12	0	0	15	0
2	12	0	9	10	0	11	6	L E	13	I	0	16	5
	13	0	10	8	0	12	5	0	14	2	0	17	9
-	14	0	11	6	0	13	5	0	15	4	0	19	2
nd	15	0	12	3	0	14	4		16	5	1	0	6
-	16	0	12	_	0		_	0	17	6	I	1	11
	17	0	13	II	0	15	3	0	18	- 1			
	18	0	13		0	17	3	0	19	7 8	I	3	3 7
	19	0	15	9	0	18	2	I	0	9	i	4	0
	20	0	16	5	0	19	2	ī	1	11	I	7	4
_	-	-		_	-		_				-	8	-
	21	0	17	3	I	0	I	I	3	0	I	10	9
	22	0	18	10	1	2	0	I	4	2	I	11	6
	23	0	19	8	I	3	0	I	5	3	I	12	10
	21	ī	0	6	I	3	II	I	7	4	I	14	2
	25	_			_			-	8	-			-
	26	I	1	4	I	4	11	I		5	I	15	7
	27	I	2	2	I	5	10	I	9	7 8	I	18	II
	28	I	3	0	I		10	1	_		I		4 8
	29	1	3	10	I	7 8	9	I	II	9	I	19	0
	30,	I	4	7}	I	0	9	I	12	10	2	1	

[135]

[135 J												
500%	3	per	Ct.	3	per	Ct.	4	per	Ct.	5	per	Ct.
Days	1.	5.	d.	1.	3.	d.	1.	s.	d.	1.	s.	d.
31	1	5	5	1	19	8	1	13	11	2	2	5
32	1	6	3	1	10	8	1	15	0	2	3	10
33	I	7	I	1	11	7	1	16	1	2	5	2
34	I	7	II	1	12	7	I	17	3	2	6	6
35	I	8	9	I	13	- 6	1	18	4	2	7	11
36	I	9	7	I	14	6	1	19	5	2	9	3
37	I	10	4	1	15	= 5	2	0	6	2	10	8
38	1	II	2	I	16	5	2	T	7	2	12	0
39	I	12	0	I	17	4	2	2	8	2	13	5
- 40	1	I 2	10	1	18	4	2	3	10	2	14	9
41	1	13	8	I	19	3	2	4	11	2	16	1
42	I	14	6	2	0	3	2	6	0	2	17	6
43	I	15	4	2	I	2	2	7	_ I	2	18	10
44	I	16	I	2	2	2	2	8	2	3	0	3
45	I	16	11	2	3	1	2	9	3	3	I	7
46	1	17	9	2	4	I	2	10	4	3	3	0
47	1	18	7	2	5	0	2	11	-6	3	4	4
48	ŀ	19	5	2	6	0	2	12	7	3	5	9
= 49	2	0	3	2	6	II	2	13	8	3	7	1
50	2	I	- 3	2	7	11	2	14	9	3	8	5
1 51	2	I	LI	2	8	10	2	15	10	3	9.	10
52	2	2	8	2	9	10	2	16	TI	3	I-I	2
531	2	3	6	2	10	9	2	18	0	3	12	7
54	2	4	4	2	11	9	2	19	2	3	13	II
55	2	5	2	2	12	8	3	10	3	3	15.	4
56	2	6	0	2	13	8	3	I	4	3	16	3
57	2	6	10	2	14	7	3	12	5	3	18:	0
58	2	7	8	2	15	7	3	3	-6	3	19:	5
59	2	8	5	2	16	6	3	4	17	3	0	9
60	2.	9	3	2	17	!	3	5	19	4	-2	2
),	7	31		-	-)	7	T	1	~
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50	01.	3	per	Ct.	3	1 per	·Ct.	4	per	Ct.	5	per	Cfi
D	ays	1.	5.	d.	1.	5.	.d.	1.	5.	d.	1.	5.	d.
	61	2	10	1	2	18	5	3	6	10	4	3	6
15.1	62	2	10	II	2	19	5	3	7	11	4	4	11
	63	2	II	9	3	0	4	3	9	0	4	6	3 8
0	64	2	12	7	3	1	14	3	10	1	4	7	8
MX	65	2	13	5	3	2	13	3	11	2	4	9	0
A	66	2	14	2	3	3	3		12	3	4	10	4
	671	2	15	0	3	4	2	3	13	5	4	11	9
D.	58	2	15	10	3	5	L 2	3	14	6	4	13	I
•	69	2	16	8	3		7.1	3	15	7	4	14	6
DC.	70	2	17	6	3	17	1	3	16	8	4	15	10
	71	2	18	4	3	- 8	0	3	17	9	4	17-	3
0	72	2	19	2	3	9	- 0	3	18	10	4	18	7
	73	3	0	0	3	10	0	4	0	C	5	0	0
	74	3	0	9	3	10	11	4	-1	- 1	5	I	4 8
T	75	3	I	7	3	II	11	4	2	2	5	2	8
	76	3	2	5	3	12	IC	4	3	3	5	4	I
	77	3	-3	3	3	13	10	4	4	4	5	5.	5
30	78	3	4	I	3	14	9	4	5	4 5 6	5	56.	10
27	79 80	3	4	11	3	15	9	4		6	5	8	2
	80	3	5	9	3	16		4	7	8	5	9	7
25	81	3	6	6	3	17	8	4	8	9	5	10	11
	82	3	7	4	3	18	7	4	9	10	5	12	3
0	83	3	8	2	3	19	7	4	10	11	5	13	3
	84	3	9	0	4	0	6	4	12	0	5	15	0
	85	3	9	10	4	I	= 6	4	13	I	5	16	5
7	86	3	10	8	4	2	-5	4	14	2	5	17	9
	87.	3	11	6	4	3	5	4	15	4		19	2
	88	3	12	3	4	4	4	4	16		5	0	6
	89	3	13	I	4		4	4	17	5	6	I	11
	90	3	13	11	4	5	3	4	18	7	6	3	3
	91	13	14	9	14	7	3	4	19	8	6	4	7

Manths	3 p	er C	t.	3 1	ber (Ct.	14 p	er (it.	15 p	er (Ct.
(1	<i>l.</i> I	5.	_		3		l.	6.		1000	5.	
2	2	0	0	2	6	8	2 -4	13	4	3	6	8
4		0	0	4	13	4	5	6.	8	-8	13	4
5	5	0	0	7	0	0	8	0	0	10	0	0
7 8	7.8	0	0 0	8	3 6	4.8	9	6			, ,	4 8
9	9	0	0	10	10	0	12	0.	0	15	0	0
10	11	0		12	16	8		13	4	18	13	8
12	12	00	01	14	0	0	16	0	0	20	0	0

r -3° 1												
400 l.	3	per	Ct.	3 5	per	Ct.	4	per	Ct.	5	per	Ct.
Days	1.	5.	d.	Z.	5.	d.	1.	5.	d.	1.	5.	d.
1	0	0	7	0	0	9	0	0	10	0	1	I
2	0	1	3	0	1	6	0	I	9	0	2	2
3	0	1	11	0	2	3	0	2	7	0	3	3
4	0	2	7	0	3	0	0	3	6	0	-4	4
5 6	0	3	3	0	3	10	0	4	4	0	5	5
	0	3	11	0	4	7	0	5	3	0	6	6
7 8	0	4	7	0	5	4	0	6	1	0	7	8
	0	5	3	0	6	I	0	7	0	0	8	9
9	0	5	11	0	6	10	0	7	10	0	9	10
10	0	6	6	0	7	8	0	. 8	9	0	10	II
11	0.	7	2	0	8	5	0	9	7	0	12	0
12	0	7	10	a	9	2	0	10	6	0	13	I
13	0	18	6	0	9	11	0	11	4	0	14	2
14	0	9	2	0	10	8	0	12	3	0	15	4
15	0	9	10	0	II	6	0	13	I	b	16	5
16	0	10	6	0	12	3	0	14	0	0	17	6
17	0	H	2	0	13	0	0	14	10	0	18	7
18	0	II.	10	0	13	9	0	15	9	0	19	8
19	0	12	5	0	14	6	0	16	7	1	0	9
20	0	13	1	0	15	4	0	17	6	1	1	11
21	Ö	13	9	0	16	1	0	18	4	I	3	0
22	0.	14	5	0	16	10	0	19	3	1	4	1
23	0	15	1	0	17	7	1	0	1	1	5	2
24	0	15	9	0	18	4	1	1	0	1		3
25	0	16	5	0	19	2	1	I	11	1	7	4
26	0	17	I	0	19	11	1	2	9	L	8	5
27	0	17	9	I	0	8	I	3	8	1	9	7
28	0	18	4	I	1	5	Ŀ	4	6	I.	10	8:
29	0	19	0	I	2	2	I	5	5	1	11	9.
30	0	19	8	I	3	0	I	6	3	1	12	10.

400 l. 3 per Ct. 3 per Ct. 4 per Ct. 5 per Ct. Days l. s. d. l. s. d. l. s. d. l. s. d. 31					ш		37	3		_			
31 0 4 1 3 9 1 7 2 1 13 11 32 1 1 0 1 4 6 1 8 0 1 15 0 33 1 1 8 1 5 3 1 8 11 1 1 1 34 1 2 4 1 6 0 1 9 9 1 17 3 35 1 3 0 1 6 10 1 10 8 1 18 4 36 1 3 8 1 7 7 1 1 1 6 1 19 5 37 1 4 3 1 8 4 1 12 5 2 0 6 38 1 4 11 1 9 1 1 13 3 2 1 7 39 1 5 7 1 9 1 1 14 2 2 2 8 40 1 6 3 1 10 8 1 15 0 2 3 10 41 1 6 11 1 1 5 1 15 11 2 4 11 42 1 7 7 1 12 2 1 16 9 2 6 0 43 1 8 3 1 1 1 1 1 1 1 8 2 7 1 44 1 8 11 1 13 9 1 18 6 2 8 2 45 1 9 7 1 1 6 1 19 5 2 9 3 46 1 10 2 1 15 3 2 0 3 2 10 4 47 1 10 10 1 16 0 2 1 2 2 11 6 48 1 1 6 1 16 9 2 2 0 2 12 7 49 1 12 2 1 17 7 2 2 11 2 13 8 50 1 12 10 1 18 4 2 3 10 2 14 9 51 1 13 6 1 19 1 2 4 8 2 15 10 52 1 14 2 1 19 10 2 5 7 2 16 11 53 1 14 10 2 0 7 2 6 5 2 18 0 54 1 15 6 2 1 5 2 7 4 2 19 2 55 1 16 1 2 2 2 2 2 8 2 3 0 3 56 1 16 9 2 2 11 2 9 1 3 1 4 57 1 7 5 2 3 8 2 9 11 3 2 5 58 1 18 1 2 4 5 2 10 10 3 3 6 59 1 18 9 2 5 3 2 11 8 3 4 7	400 %.	3	per	Ct.		per	_		per	Ct.	5	per	Ct-
32 1 0 1 4 6 1 8 0 1 15 0 33 1 1 8 1 5 3 1 8 11 1 1 1 1 1 3 1 3 1 2 4 1 6 0 1 9 9 1 17 3 35 1 3 0 1 6 10 1 10 8 1 18 4 36 1 3 8 1 7 7 1 11 6 1 19 5 37 1 4 3 1 8 4 1 12 5 2 0 6 38 1 4 11 1 9 1 1 13 3 2 1 7 3 3 1 5 7 1 9 1 1 14 2 2 2 8 4 1 1 6 3 1 10 8 1 15 0 2 3 10 4 4 1 1 1 1 1 1 1 1	Days	1.	5.	d.	1.	5.	d.	1.	5.	d.	12.	5.	ď.
33 1 8 1 5 3 1 8 1 1 16 1 34 1 2 4 1 6 0 1 9 9 1 17 3 35 1 3 0 1 6 10 1 10 8 1 18 4 36 1 3 8 1 7 7 1 11 6 1 19 5 37 1 4 3 1 8 4 1 12 5 2 0 0 6 38 1 4 11 1 9 1 1 13 3 2 1 7 39 1 5 7 1 9 11 1 14 2 2 2 8 40 1 6 3 1 10 8 1 15 0 2 3 10 4 1 6 11 1 1 5 1 15 11 2 4 11 42 1 7 7 1 12 2 1 16 9 2 6 0 0 4 1 8 3 1 12 11 1 17 8 2 7 1 1 1 1 1 1 1 1 1	11.31	I	0	4	1	3	9	I	7	2	1.	13	II
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10	0	4	11	0	5	9	0	6	6	0	8	2
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35	0	17	3	I	0	I	1	3	-0	I	8	9	
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	63	I	II	0	I	16	2	2	I	5	2	II	9
	64	I	II	6	1	16	9	2	2	0	2	12	7
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	1 2 3 4 5 6 7 8 9 10	7 3 4 2 5 6 3 7 3 8 4 9 4 10 5	7. s. 1 0 10 2 1 0 3 1 10 4 2 0 5 2 10 6 3 0 7 3 10 8 4 0 9 4 10 10 5 0 11 5 10	7. s. d. 1 0 10 0 2 1 0 0 3 1 10 0 4 2 0 0 5 2 10 0 6 3 0 0 7 3 10 0 8 4 0 0 9 4 10 0 10 5 0 0 11 5 10 0		7. s. d. l. s. 10 10 0 0 11 2 1 0 0 1 1 3 3 1 10 0 2 18 4 2 0 0 2 6 3 0 0 3 10 7 3 10 0 4 1 3 4 10 0 5 5 5 10 5 0 0 5 16 8	7. s. d. 7. s. d. 10 10 0 0 11 8 2 1 0 0 0 1 1 3 4 3 1 10 0 1 15 0 0 4 2 0 0 2 6 8 4 5 2 10 0 2 18 4 6 3 0 0 3 10 0 0 0 0 0 0 0 0 0 0 0 0 0 0	1. s. d. 1. s. d. 1 0 10 0 0 11 8 0 2 1 0 0 1 3 4 1 3 1 10 0 1 15 0 2 4 2 0 0 2 6 8 2 5 2 10 0 2 18 4 3 6 3 0 0 3 10 0 4 7 3 10 0 4 1 8 4 8 4 0 0 4 13 4 5 9 4 10 0 5 5 5 0 6 10 5 0 0 5 16 8 6 11 5 10 0 6 8 4 7	1. s. d. 1. s. d. 1 0 10 0 0 11 8 0 13 2 1 0 0 1 3 4 1 6 3 1 10 0 1 15 0 2 0 4 2 0 0 2 6 8 2 13 5 2 10 0 2 18 4 3 6 3 0 0 3 10 0 4 0 7 3 10 0 4 1 8 4 13 8 4 0 0 4 13 4 5 6 9 4 10 0 5 5 0 6 0 10 5 0 0 5 16 8 6 13 11 5 10 0 6 8 4 7 6	1. s. d. 1. s. d. 1. s. d. 1. s. d. 1 0 10 0 0 11 8 0 13 4 1 6 8 2 1 0 0 1 3 4 1 6 8 2 0 0 2 6 8 2 13 4 3 1 10 0 2 18 4 3 6 8 2 13 4 5 2 10 0 2 18 4 3 6 8 3 6 8 6 3 0 0 3 10 0 4 1 8 4 13 4 8 4 0 0 4 13 4 5 6 8 9 4 10 0 5 5 0 6 0 0 10 5 0 0 5 16 8 6 13 4 11 5 10 0 6 8 4 7 6 8	1. s. d. 1. s. d. <td< th=""><th>1 0 10 0 0 11 8 0 13 4 0 16 2 1 0 0 1 3 4 1 6 8 1 13 3 1 10 0 1 15 C 2 0 0 2 10 4 2 0 0 2 6 8 2 13 4 3 6 5 2 10 0 2 18 4 3 6 8 4 3 6 3 0 0 3 10 C 4 0 0 5 0 7 3 10 0 4 1 8 4 13 4 5 16 8 4 0 0 4 13 4 5 6 8 6 13 9 4 10 0 5 5 0 6 0 0 7 10 10 5 0 0 5 16 8 6 13 4 8 6 11 5 10 0 6 8 4 7 6 8 9 3</th></td<>	1 0 10 0 0 11 8 0 13 4 0 16 2 1 0 0 1 3 4 1 6 8 1 13 3 1 10 0 1 15 C 2 0 0 2 10 4 2 0 0 2 6 8 2 13 4 3 6 5 2 10 0 2 18 4 3 6 8 4 3 6 3 0 0 3 10 C 4 0 0 5 0 7 3 10 0 4 1 8 4 13 4 5 16 8 4 0 0 4 13 4 5 6 8 6 13 9 4 10 0 5 5 0 6 0 0 7 10 10 5 0 0 5 16 8 6 13 4 8 6 11 5 10 0 6 8 4 7 6 8 9 3

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2	00,1.	3	per	Ct.	13	$\frac{1}{2}pe$	r Ct	14	per	Ct.	15	per	Ct.
	Days	1.	5.	d.	. 1	. 5.	d	. 1.	5.	d.	1.	5.	d.
	I	0	0	3		0) 4	10	0	5	0	0	6
	2	0	0	7) 0) (0	0	10		1	I
	3	0	0	11	0) I]	0	I	3	0	I	7
	4	0	I	3	0	I	6	50	I	9	0	2	2
	5	0	1	7	0	I	11	0	2	2		2	8
	6	0	I	II	0	2	3	0	2	7	0	3	3
	7	0	2	3	0	2		0	3	Ó	0	3	10
	7 8	0	2	7	0	3	C	0	3	6	0	4	4
	9	0	2	II	0		5		3	I 1	0	4	II
	IO	0	3	3	0	_	10		4	4	0	5	5-
	11	0	3	7	0		2		4	9	0	6	0
	12	0	3	II	0		7		5	3	0	6	6
	13	0	4	3	0		II	0	2	8	0	7	I
	14	0	4	7	0	5	4		5	1	0	7	8
	15	0	4	II	0	5	9	0	6	6	0	8	2
	16	0		-	0	$\frac{-3}{6}$	- J	0			0	8	
		1	5	3	6	6	6		7				9
	17	0	5	7	0	6	10	ş	7	5	0	9	3
			5	2	0			0	7 8	10	0	9	10
	19	0	6	6	0	7	3	0	8	3	0	10	4
-	20	0			-	7		-		9	0	10	II
	2, 1	0	6	10	0	8	0	0	9	2	0	II	6
	22	0	7	2	0	8	5	0	9	7	0	12	0
	23	0	7	6	0	8	9	0	10	0	0	12	7
	24	0	7	10	0	9	2	0	10	6	0	13	I
	25	0	8	2	0	9	7	0	10	II	0	13	8
	26	0	8	6	0	9	II	0	II	4	0	14	2
	27	0	8	10	0	10	4	0	11	10	0	14	9
	28	0	9	2	O	10	8	0	12	3	0	15	4
	29	0	9	6	0	II	I	0	12	- 1	0	15	10
	30	0	9	10	0	11	6	0	13	1	0	16	5

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					F	14	/ 3						
2	00%.	3	per	Ct.	3	per	Ct.	4	per	Ct.	5	per	Ct.
	Days	1.	٥.	d.	1.	5.	d.	1.	5.	d.	l.	5.	d.
	31	0	10	2	0	II	10	0	13	7	0	16	II
	32	0	10	6	0	12	3	0	14	0	0	17	6
	33	0	10	10	0	12	7	0	14	5	0	18	0
	34	0	II	2	0	13	0	0	14	10	0	18	7
	35	0	II	6	0	13	_ 5	0	15	4	0	19	2
	36	0	II	10	0	13	9	0	15	9	0	19	8
	37	0	12	1	0	14	2	0	16	2	I	0	3
	38	0	12	5	0	14	6	0	16	7	ī	0	9
	39	0	12	9	0	14	II	0	17	I	I	1	4
_	40	0	13	I	0	15	4	0	17	6	1	I	II
	41	0	13	5	0	15	- 8	0	17	11	I	2	5
	42	0	13	9	0	16	1	0	18	4	I	3	0
	43	0	14	I	0	16	5	0	18	IO	1	3	6
	44	0	14	5	0	16	10	0	1-9	- 3	I	۹4	I
1	45	0	14	9	0	17	3	0	19	8	I	4	7
	46	0	15	I	0	17	7	I	0	I	I	5	2
	47	0	15	5	0	18	0	I	0	7	I	5	9
	48	0	15	9	0	18	4	I	1	0	I	6	3
	49	0	16	I	0	18	9	I.	I	5	I	6	10
-	50	0	16	_5	0	19	2	I	I	II	1	7	4
	51	0	16	9	0	19	6	1	2	4	I	7	II
	52	0	17	1	0	19	II	I	2	9	I	8	5
	53	0	17	5	I	0	3	í	3	2	I	9	0
	54	0	17	9	I	0	8	I	3	8	I	9	7
-	55	0	18	0	I	I	I	I	4	I	I	10	I
	56	0	18	4	I	I	5	I	4	6	I	10	8
	57	0	18	8	I	I	10	I	4	II	I	II	2
	58	0	19	0	I	2	2	I	5	5	I	II	9
	59	0	19	4	I	2	7	I	5	10	I	I 2	3
	6.0	0	19	8	I	3	0	I.	6	3	1	12.	10

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2	00%.	3	per	Ct.	3	$\frac{1}{2}pe$	rCt.	14	per	Ct	15	per	CA
4	Days	1.	5.	d.	12.	. s.	d	. 1	. 5.	d.	1.	s.	d.
	61	I	0	0	1	3	4	1	6		,	13	5
	62	I	0	4	I		9		7	2	I	13	11
	63	I	0	8	I	4	I	I	7	7	1	14	6
	64	Ī	I	0	I	- 4	6	I	8	0	I	15	0
	65	I	I	4	I	4	11	1	8	5	I	15	7
,	66	I	I	8	I	5	3	I	8	11	I	16	I
	67	I	- 2	0	I	5	8	1	9	4	I	16	8
	68	I	2	4	ī	6	0	I	9	9	1	17	3
	69	I	2	8	E	6	5	I	10	2	1	17	9
	70	I	3	0	1	6	10	1	10	8	ī	18	4
	71	I	3	4	ī	7	2	1	11	I	F	18	10
	72	I	3	8	I	7	7	I	11	6	I	19	5
	73	Ī	4	0	1	8	C	1	12	0	2	0	0
	74	I	4	3	I	8	4	I	12	5	2	0	6
-	75	I	4	7	I	8	9	I	12	10	2	1	1
	76	I	4	II	I	9	1	I	13	3	2	1	7
	77	I	5	3	I	9	6	1	13	9	2	2	2
	78	I	5	7	I	9	11	I	14	2	2	2	8
	79	I	5	II	I	10	3	I	14	7	2	3	3
	80	I	_	3	I	10	8	I	15	0	2	3	10
	81	I	6	7	I	II	C	I	15	6	2	4	4
	82	I	6	II	I	II	5	1	15	II	2	4	II
	83	I	7	3	Į	II	10	1	16	4	2	5	5
	84	I	7	7	I	12	2	I	16	9	2		0
-	85	I	7	II	1	I 2	7	I	17	3	2	6	6
	86	I	8	3	I	I 2	II	I	17	8	2	7	I
	87	I	8	7	I	13	4	I	18		2	7	8
	88	I	8	II	I	13	9	1	18	6	2	8	2
	89	I	9	3	Ţ	14	1	I	19	0	2	8	9
	90	I	9	7	I	14	6	I	19	21	2	9	3
	91	I	9	11	I	14	10.	I	19	10	2	9	10

Months	3 \$	er (it.	3 7	er C	t.	1 p	er (it.	5 p	er (Ct.
	Z.	5.	_	-	5.	_		5.		1.	s.	à.
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2	0		0	0	11	8	0	13	4	0	16	8
3	0	15	0	0	17	6	I,	0	0	I	5	0
4	I	0	0	I	3	4	I	6	8	I	13	4
5	1	5	0	I	9	2	I	13	4	2.	I	8
6	1	-	0	I	15	0	2	0	0	2	10	0
7	I	15	0	2	0	10	2	6	8	2	18	4
8	2	0	0	2	6	8	2	13	4	3	6	8
0	2	5	0	2	12	6	3	0	0	3	15	0
10	2	10	0	2	18	4	3	6	8	4	3	4
17	2	15	0	3	4	2	3	13	4	4	11	8
12	1 3	0	0	1 3	10	0	4	0	0	5	0	0.

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	-1=	per	Ct.	13	per	rCt.	14	per	Ct.	15	per	Ct.
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	- 1	0	I	0	0	2		0				
	1 -		9	0	0	4	0	0		0		3
			,	0	0	6	0	0	7	0		9
4	.10		7	0	0	9	0	0		0	1	I
5	0	0	9	0	0	II	0	0	1	0	E	4
		0	11	0	I	1	0	1	2	0	ī	7
7	0	I	I	0	I	4			6			11
		I	3	0	I	6	0	I				2
9	0	I	5	0	I	8	0	I		0		
- 10	0	I	7	0	I	11	0	2	2	0	2	5
LI	0	I	9	0	2	I	0	2	4	0	2	0
	0	I	11	0	2	3	0	2			3	
13	i .	2	1	0	2	5	0	2	10		3	3
14				0	2		0	3	0-	0	3	10
15		2			2	10	0	3			4	I
	1	2	7	0	3	0	0	3	6	0	4	4
17			9	0	3	3	0	3	8	0		7
					3	5	0	3	11	0	4	11
19		3			3		0	4	1)		2
-	-		3	_	3	10	0	4	4)		5
		3	5	0	4	0	0	4		5		9
		3	7	0	4.	2	0		90)	6,	ó
		3			4		0	5	00)	6	3
					4	- 1	0	5	3 0)		6
25	<u> </u>	4	1	0	4	9)	5_)	6	0
		4	3	0	4	II)	5	80)	7	I
27		4	5		5			5	110)		4
		4			5	4			10)	7	8
- 1					5						7 1	I.
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	Day. 11 22 33 45 56 67 78 89 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29	Days 1. 1 0 2 0 0 4 0 5 0 0 6 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Days 1. s. 1 0 0 2 0 0 3 0 0 4 0 0 5 0 0 6 0 0 7 0 1 8 0 1 10 0 1 11 0 1 12 0 1 13 0 2 14 0 2 15 0 2 16 0 2 17 0 2 18 0 2 19 0 3 20 0 3 21 0 3 22 0 3 24 0 3 25 0 4 27 0 4 28 0 4 29 0 4	Days 1. s. d. 1 0 0 1 2 0 0 3 3 0 0 5 4 0 0 7 5 0 0 9 6 0 0 11 7 0 1 1 8 0 1 3 9 0 1 5 10 0 1 7 11 0 1 9 12 0 1 11 13 0 2 1 14 0 2 3 15 0 2 5 16 0 2 7 17 0 2 9 18 0 2 11 19 0 3 1 20 0 3 3 21 0 3 5 22 0 3 7 23 0 3 9 24 0 3 11 25 0 4 1 26 0 4 3 27 0 4 5 28 0 4 7 29 0 4 9	Days l. s. d. l. 1 0 0 1 0 2 0 0 3 0 3 0 0 5 0 4 0 0 7 0 5 0 0 9 0 6 0 0 11 0 7 0 1 1 0 8 0 1 3 0 9 0 1 5 0 10 1 7 0 11 0 1 9 0 12 0 1 11 0 13 0 2 1 0 14 0 2 3 0 15 0 2 5 0 16 0 2 7 0 17 0 2 9 0 18 0 2 11 0 19 0 3 1 0 20 0 3 3 0 21 0 3 5 0 22 0 3 7 0 23 0 3 9 0 24 0 3 11 0 25 0 4 1 0 26 0 4 3 0 27 0 4 5 0 28 0 4 7 0 29 0 4 9 0	100 l. 3 per Ct. 3\frac{1}{2} per Days l. s. d.	100 l. 3 per Ct. 3½ per Ct. Days l. s. d. l. s. d. 1 0 0 1 0 0 2 2 0 0 3 0 0 4 3 0 0 5 0 0 6 4 0 0 7 0 0 9 5 0 0 9 0 0 11 6 0 0 11 0 1 1 7 0 1 1 0 1 4 8 0 1 3 0 1 6 9 0 1 5 0 1 8 10 0 1 7 0 1 11 11 0 1 9 0 2 1 12 0 1 11 0 2 3 13 0 2 1 0 2 5 14 0 2 3 0 2 8 15 0 2 5 0 2 10 16 0 2 7 0 3 0 17 0 2 9 0 3 3 18 0 2 11 0 3 5 19 0 3 1 0 3 7 20 0 3 3 0 3 10 21 0 3 5 0 4 0 22 0 3 7 0 4 2 23 0 3 9 0 4 4 24 0 3 11 0 4 7 25 0 4 1 0 4 9 26 0 4 3 0 4 11 27 0 4 5 0 5 2 28 0 4 7 0 5 4 29 0 4 9 0 5 6	100 l. 3 per Ct. 3½ per Ct. 4 Days l. s. d. l. s. d. l. 1 0 0 1 0 0 2 0 2 0 0 3 0 0 4 0 3 0 0 5 0 0 6 0 4 0 0 7 0 0 9 0 5 0 0 9 0 0 11 0 7 0 1 1 0 1 4 0 8 0 1 3 0 1 6 0 9 0 1 5 0 1 8 0 10 0 1 7 0 1 11 0 11 0 1 9 0 2 1 0 12 0 1 11 0 2 3 0 13 0 2 1 0 2 5 0 2 10 0 14 0 2 3 0 2 8 0 15 0 2 5 0 2 10 0 16 0 2 7 0 3 0 0 17 0 2 9 0 3 3 0 18 0 2 11 0 3 5 0 19 0 3 1 0 3 7 0 20 0 3 3 0 3 10 0 21 0 3 5 0 4 0 0 22 0 3 7 0 4 2 0 23 0 3 9 0 4 4 0 24 0 3 11 0 4 7 0 25 0 4 1 0 4 9 0 26 0 4 3 0 4 11 0 27 0 4 5 0 5 2 0 28 0 4 7 0 5 4 0 29 0 4 9 0 5 6 0	100 l. 3 per Ct. 3 per Ct. 4 per Days l. s. d. l	100 l. 3 per Ct. 3 per Ct. 4 per Ct. Days l. s. d. l. s. d. l. s. d. 1 0 0 1 0 0 2 0 0 2 2 0 0 3 0 0 4 0 0 5 3 0 0 5 0 0 6 0 0 7 4 0 0 7 0 0 9 0 0 11 0 0 1 6 0 0 11 0 1 1 0 1 3 7 0 1 1 0 1 4 0 1 6 8 0 1 3 0 1 6 0 1 9 9 0 1 5 0 1 8 0 1 11 10 1 7 0 1 11 0 2 2 11 0 1 9 0 2 1 0 2 4 12 0 1 11 0 2 3 0 2 7 13 0 2 1 0 2 5 0 2 10 14 0 2 3 0 2 8 0 3 0 15 0 2 5 0 2 10 0 3 3 16 0 2 7 0 3 0 0 3 6 17 0 2 9 0 3 3 0 3 3 18 0 2 11 0 3 5 0 2 10 3 3 18 0 2 11 0 3 5 0 3 11 19 0 3 1 0 3 7 0 4 1 20 0 3 3 0 3 10 0 4 4 21 0 3 5 0 4 0 0 4 7 22 0 3 7 0 4 2 0 4 9 23 0 3 9 0 4 4 0 5 5 5 26 0 4 3 0 4 11 0 5 8 6 27 0 4 5 0 5 2 0 5 11 0 28 0 4 7 0 5 4 0 6 1 0 29 0 4 9 0 5 6 0 6 4 0	100 l. 3 per Ct. 3 per Ct. 4 per Ct. 5 Days l. s. d. l. s. d. l. s. d. l. 1 0 0 1 0 0 2 0 0 2 0 2 0 0 3 0 0 4 0 0 5 0 3 0 0 5 0 0 6 0 0 7 0 4 0 0 7 0 0 9 0 0 11 0 0 1 0 5 0 0 9 0 0 11 0 1 1 0 1 30 7 0 1 1 0 1 4 0 1 60 8 0 1 3 0 1 6 0 1 9 0 10 0 1 7 0 1 11 0 2 2 0 11 0 1 9 0 2 1 0 2 4 0 12 0 1 11 0 2 3 0 2 7 0 13 0 2 1 0 2 5 0 2 10 0 3 3 0 16 0 2 7 0 3 0 0 3 6 0 17 0 2 9 0 3 3 0 3 8 0 18 0 2 11 0 3 5 0 2 10 0 3 3 0 18 0 2 11 0 3 5 0 3 11 0 19 0 3 1 0 3 7 0 4 1 0 21 0 3 5 0 4 0 0 4 7 0 22 0 3 7 0 4 2 0 4 9 0 23 0 3 9 0 4 4 0 5 0 0 24 0 3 11 0 4 7 0 5 3 0 25 0 4 1 0 4 9 0 5 5 0 26 0 4 3 0 4 11 0 5 8 0 27 0 4 5 0 5 2 0 5 11 0 28 0 4 7 0 5 4 0 6 1 0 29 0 4 9 0 5 6 0 6 4 0	100 l. 3 per Ct. 3½ per Ct. 4 per Ct. 5 per Days l. s. d. l. l. s. d. l. s.

				•	L .	3 4	J					
100%.	3	per	Ct.	3	i per	·Ct.	14	per	·Ct.	5	per	Cit
Days	1.	5.	d.	12.	5.	d.	1.	s.	d.	1.	5.	d.
31	0	5	1	0	5	ΙI	0	6	9	0	8	5
32	0	5	3	0		1	0	7	0	0	8	9:
33	0	5	5	0	6	3	0	7	2	0	9	0
34	0	5	7	0	6	6	0	7	5	0	9	3
35	0	_ 5	9	0	6	8	0	_ 7	8	0	9	7.
36	0	5	11	0	6	10	0	7	10	0	9	10
37	0	6	0	0	7	1	0	8	1	0	10	I
38	0	6	2	0	7	3	0	8	3	0	10	4
39	0	6	4	0	7	5	0	8	6	0	10	8-
40	0	6	6	0	7	-8	2	8	9	0	10	II
41	0	6	8	0	7	10	0	8	11	0	I-I	2
42	0	6	10	0	8	9	0	9	2	0	II	6
43	0	7	0	0	8.	2	0	9	5	0	11	9
44	0	7	2	0	8	5	0	9		0	I 2	0
45	0	7	4	0	8	7	0	9	10	0	12	3.
46	0	7	6	Ó	8	9	0	10	0	0	12	7
47	0	7	8	0	9	0	0	10	3	0	12	10
48	0	7	10	0	9	2	0	10	6	0	13	I
49	0	8	0	0	9	4	0	10	8	0	13	5
50	0	8	2	0	9	7	0	10	11	0	13	8
2-1	0	8	4	0	9	9	0	II	2	0	13	11
52	0	8		0	9	II	0	II	4	0	14	2.
53	0	8	8	0	10	1	0	11	7	0	14	6
54	0	8	10	0	10	4	0	11-	10	0	14	9
55	0	9	0	0	10	6	0	12	0	0	15	0
56	0	9	2	0	10	8	0	12.	3	0	15	4
57	0	9	4	0	10	II	0	12	5	0	15	7
58	0	9	6	0	II	1	0	12.	8	0	15	10.
59	0	9	8	0	II	3	0	12.	11	0	16.	I
60	0	9.	10	0	1-1	6	0	13	I	0	16	5

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100%.	3	per	Ct.	3 2	per	Ct.	4	per	Ct.	5	per	Cts.
Days	1.	5.	d.	1.	5.	d.	1.	5.	d.	1.	5.	d.
61	0	10	0	0	II	8	0	13	4	0	16	8
62	0	10	2	0	II	10	0	13	7	0	16	II
63	0	10	4	0	12	0	0	13	9	0	17	3
64	0	10	6	0	I 2	3	0	14	0	0	17	6
- 65	0	10	8	0	12	5	0	14	2	0	17	9
66	0	10	10	0	12	7	0	14	5	0	18	0
67	0	11	0	0	12	10	0	14	8	0	18	4
- 68	Ó	II	2	0	13	0	0	14	10	0	18	7
69	0	II	4	0	13	2	0	15	I	0	18	10
70	0	II	6	0	13	5	0	15	4	0	19	2
71	0	II	8	0	13	7.	0	15	6	0	19	5
72	0	II	10	0	13	9	0	15	9	0	19	8
73	0	12	0	0	14	0	0	16	0	1	0	0
74	0	12	1	0	14	2	0	16	2	I	0	3
75	0	12	3	0	14	4	0	16	5	I	0	6
76	0	12	5	0	14	6	0	16	7	I	0	. 9
77	0	12	7	0	14	9	0	16	10	I	I	I.
78	0	12	9	0	14	II	0	17	I	I	1	4
79	0	12	II	0	15	I	0	17	3	3	1	7
	0	13	1 I	0	15	4	0	17	6	I	1	II
81	0	13	3	0	15	6	0	17	9	I	2	2
82	0	13	5	0	15	8	0	17	II.	I	2	5 8
83	0	13	7	0	15	II	0	18	2	I	2	8
84	0	13	9	0	16	1	0	18	4	I	3	0
85	0	13	H	0	16	3	0	18	7	I	3	3
86	0	14	1	0	16	5	0	18	IO	I	3	6
87	0	14	3	0	16	8	0	19	0	I	3	10
- 88	0	14	5	0	16	IO	0	19	3	I	4	1
89	0	14		0	17	0	0	19	6	1	4	4
90	0	14	9	0	17	3	0	19	8	I	4	7
91	0	14	II	0	17	5	0	19	II	I	4	II

Months	3 p	er (t.	3 = 1	per (ct.	4 1	er (Ct	5 P	er C	t.
	1.	5.	d.	1.	5.	d.	1.	5.	d	1.	5.	d.
1	0	4	6	0	5	3	0	6	0	0	7	6
2	0	9	0		10						15	0
3	0	13	6	0	15	9	0	18	0	I	2	6
4	0	18	0	I		0		4	0	1	10	0
5 6	1	2	6	I	6	3	I	10	0	1	17	6
6	I	7	0	I	11	6	1	16	0	2	5	0
7	I	11	6	I	16	9	2	2	0	2	12	6
8	I	16			2		2					0
9	2	0	6	2	7	3	2	14	0		7	6
10	2	5	0	2	12	6			0	3	15	0
11	2	9	6	2	17	9	3	6	0			
12	2	14	0	3	3	0	3	12	0	4	10	0.

				L	1.3	74	7					
901.	3	per	Ct.	3 = 2	per	·Ct.	4	per	Ct.	5	per	Ct.
Days	1.	5.	d.	1.	٤.	d.	1.	5.	d.	1.	5.	d.
1	0	0	1	0	0	2	0	0	2	0	0	2
2	0	0	3	0	0	4	0	0	4	0	0	5
3	0	0	5	0	0	6	0	0	7	0	0	
4	0	0	7	0	0	8	0	0	9	0	0	11
5	0	0	8	0	0	10	0	0	11	0	I	2
6	0	0	10	0	1	0	0	I	2	0	I	5
7	0	1	0	0	I	2	0	1	4	0	I	8
8	0	1	2	0	1	4	0	1	6	0	I	II
9	0	I	3	0	1	6	0	1	9	0	2	2
10	0	I	5	0	I	8	0	I	11	0	2	_5
11	0	1	7	0	1	10	0	2	2	0	2	8
12	0	I	9	0	2	0-	0	2	4	0	2	II
13	0	1	II	0	2	2	0	2	6	0	3	2
14	0	2	0	0	2	4	0	2	9	0	3	5
15	0	2	2	0	2	7	0	2	II	0	3	8
16	0	2	4	0	2	9	0	3	I	0	3	11
17	0	2	6	0	2	II	0	3	4	0	4	2
18	0	2	7	0	3	I	0	3	6	0	4	5 8
19	0	2	9	0	3	3	0	3	8	0	4	8
20	0	2	11	0	3	5	0	3	II	0	4	II
21	Ö	3	I	0	3	7	9	4	1	0	5	2
22	0	3	3	0	3	9	0	4	4	0	5	5
23	0	3	4	0	3	II	0	4	6	0	5	5
24	0	3	6	0	4	1	0	4	8	0	5	II
25	0	3	8	0	4	3	0	4	11	0	6	I
26	0	3	IO	0	4	5	0	5	ī	0	6	4
27	0	3	11	0	4	7	0	5	3	0	6	7
28	0	4	I	0	4	9	0	5	- 1	0	6	IO
29	0	4	3	0	5	0	0	5	8	0	7	1
30	0	4	51	0	5	2	0	5	II	0	7	4

[155]													
901.	3	per	Ct.	31	per	·Ct.	4	per	Ct.	5	per	Ct.	
Days	1.	s.	d.	1.	5.	d.	1.	5.	d.	1.	5.	d.	
31	0	4	7	0	5	4	0	6	1	0	7	7	
32	0	4	8	0	5	6	0	6	3	0	7	10	
33	0	4	10	0	5	8	0	6	6	0	8	I	
34	0	5	0	0	5	10	0	6	8	0	8	4	
35	0	5	2	0		0	0	6	10	0	8	_7	
36	0	5	3	0	6	2	0	7	I	0	8	10	
37	0	5	5	0	6	4	0	7	3	0	9	I	
38	0	5	7	0	6	6	0	7	5	0	9	4	
39	0	5	9	0	6	8	0	7		0	9	7	
40	0	5	11	0	6	10	0	7	10	0	9	10	
41	0	6	0	0	7	0	0	8	I	0	10	I	
42	0	6	2	0	7	2	0	8	3	0	10	4	
43	0	6	4	0	7	5	0	8	5	0	10	7	
44	0	6	6	0	7	7	0	8	8	0	10	10	
45	0	6	7	0	7	9	0	8	10	0	II	I	
46	0	6	9	0	7	ΙI	0	9	0	0	11	4	
47	0	6	II	0	8	1	0	9	3	0	11	7	
48	0	7	1	0	8	3	0	9	5	0	II	10	
49	0	7	2	0	8	5	0	9	7	0	12	0	
50	0	7	4	0	8	_7	0	9	10	0	12	3	
51	0	7	6	0	8	9	0	10	0	0	12	6	
52	0	7	8	0	8	II	0	10	3	0	12	9	
53	0	7	10	0	9	I	0	10	5	0	13	0	
54	0	7	II	0	9	3	0	10	7	0	13	3	
55	0	8	I	0	9	_5	0	10	10	0	13	6	
56	0	8	3	0	9	7	0	II	0	0	13	9	
57	0	8	5	0	9	IO	0	II	2	0	14	0	
58	0	8		0	10	0	0	II	5	0	14	3	
59	0	8	8	0	10	2	0	11	7	0	14	6	
60	10	8	10	0	10	4	0	11	10	0	14	9	

[156]

				90 l. 3 per Ct. 3½ per Ct. 4 per Ct. 5 per Ct.													
90%.	3	per	Ct.	3:	1 per	Ct.	4	per	Ct.	15	per	Ct.					
Days	1.	5.	d.	1.	5.	d.	1.	5.	d.	1.	5.	do					
61	0	9	0	0	10	6	0	12	0	0	15	0					
62	0	9	2	0	10	8	0	12	2	0	15	3					
63	0	9	3	0	10	10	0	12	5	0	15	6					
64	0	9	5	0	11	0	0	12	7	0	15	9					
65	0	9	7	0	11	2	0	I 2	9	0	16	0					
66	0	9	9	0	II	4	0	13	0	0	16	36					
67	0	9	10	0	11	6	0	13	2	0	16	6					
68	0	10	0	0	II	8	0	13	4	0	16	9					
69	0	10	2	0	II	10	0	13	7	0	17	0					
70	0	10	4	0	12	0	0	13	9	0	17	3					
71	0	10	6	0	12	3	0	14	0	0	17	6					
72	0	10	7	0	12	5	0	14	2	0	17	9					
73	0	10	9	0	12	7	0	14	4	0	18	0					
74	0	10	II	0	12	9	0	14	7	0	18	2					
75	0	11	1	0	12	11	0	14	9	0	18	5					
76	0	II	2	0	13	I	0	14	II	0	18	8					
77	0	11	4	0	13	3	0	15	2	0	18	II					
78	0	II	6	0	13	5	0	15	4	0	19	2					
79	0	II	8	0	13	7	0	15	7	0	19	5					
80	0	II	10	0	13	9	0	15_	9	0	19	8					
81	0	II	11	0	13	11	0	15	11	0	19	II					
82	0	12	1	0	14	1	0	16	2	1	0	2					
	0	12	3	0	14	3	0	16	4	I	0	5					
. 1	0	12		0	14		0	16	6	I	0	8					
85	0	12	6	0	14	8	0	16	9	I	0	11					
	0	I 2	8	0	14	10	0	16	11	I	I	2					
	0	I 2	10	0	15	0	0	17	1	1	I	5					
- 1	0	13	0	0	15	2	0	17	4	I	I	8					
89	0	13	2	0	15	-	0	17	6	I	1	IX					
90	0	13	3	0	15		0	17	9	I	2	2					
91	0	13	5	0	15	8	0	17	III	I	2	5					

INTEREST 801.

Mont	bs	3 p	er (t 1	3 7	per	Ct.	17	er (Ct.	5 p	er (it.
		1.	5.	d.	1.	5.	d.	l.	5.	d.	1.	5.	d.
	1	0	4	0	0	4	8	0	5	4	0	-6	8
0.2	2	0	8	0	0	9	4	0	10	8	0	13	4
	3	0	12	0	0	14	(0	16	0	1	0	0
	4	0	16	0		18	8	1	J	4	1	6	3
	5	1	0	0	1	3	4	1	6	8	I	13	4
	6	I	4	C	I	8	C	I	12	0	2	0	0
1	7	I	8	0	I	12	-8	I	17	4	2	6	8
	8	I	12	0	1	17	4	2	2	8	2	13	4
-	9	1	16	0	2	2	0	2	8	0	3	0	0_
	IC	2	0	C	2	6	8	2	13	4	3	6	8
76	1-1	2	4	C	,2	II	4	2	18	8	3	13	4
-0"	12	2	- 8	0	2	16	0	3	4	0	4	0	0

				_			_	3		_			
	801	13	per	· Ct.	3	ter	-Ct	14	per	Ct.	15	per	Ct.
	Day.	5 2.	5.	d	12.	5.	d	. 1.	s.	d.	1.	5.	d.
	I	0	0	I	0	0	1	0	0	2	0	0	2
	_ 2	0	0	3	0	0	3	0	0	4		0	5
	3	0	0			0	5	0	0	6	0	0	7
	4	0	0	6	0	0	7		0	8	0	0	IO
	5	0.	0	7	0	0	9	0	0	10	0	I	τ
	6	0	0	9	0	0	H	0	I	0	2	I	3
	7 8	0	0	9	0	I	0	0	I	2	0	I	3
		0	I	0	0	. 1	_2	0	I	4	0	I	9
	9	0	I	2	0	I	4	0	I	6	0	1	II
	-10	0	I	3	0	I	6	0	I	9	0	2	2
	11	0	1	5	0	I	8	0	I	II	0	2	4
	12	0	I	5	0	1	10	0	2	1	0	2	7
	13	0	I	8	0	I	II	0	2	3	0	2	10
	14	0	I	10	0	2	1	0	2	- 5	0	3	0
	15	0	I	11	0	2	3	0	2	7	0	3	3
	16	0	2	1	0	2	5	0	2	9	0	3	6
	17	0	2	2	0	2	7	0	2	11	0	3	8
	18	0	2	4	0	2	. 9	0	3	I	0	3	II
	19	0	2	5	0	2	10	0	3	3	0	4	1
4.	20	0	2	7	0	3	0	0	3	1	0	4	4
	21	0	2	9	0	3	2	0	3	8	0	4	7
	22	0	2	10	0	3	4	0	3	10	0	4	9
	23	0	3	0	0	3	6	0	4	0	0	5	0
	24	0	3	1	0	3	8	0	4	_	0	5	3
	25	0	3	3	0	3	10	0	4		0	5_	5
	26	0	3	5	o .	3	II	0	4		0	5	8
	27	0	3	6	0	4	1	0	4	8	0	5	II
•	28	0	3	8	0	4	3	0	4	10	0	6	I
	29	0	3	9	0	4	5	0	5	I	0	6	4
	30	0	3	II	0	4	7	0	5	31	0	6	6

	80 l. 3 per Ct. 3½per Ct. 4 per Ct. 5 per Ct.												
801.	13	per	Ct.	3 1/2	per	Ct.	14	per	Ct.	5	per	Ct.	
Days	12.	5.	d.	1.	. 5.	d.	1.	s.	d.	1.	s.	d.	
31	0	4	0	0	4	9	0	5	5	0	6	9	
32	0	4	2	0	4	10	0	5	7	0	- 7	0	
33	0	4	4	0	5	0	0	5	9	0	7	2	
34	0	4	5	0	5	2	0	5	II	0	-7	5	
35	0	4	7	0	5	4	0	6	1	0	7	8	
36	0	4	4 8	0	5	6	0		3	0	7	10	
37	0	4	10	0	5	8	0	, 6	5	0	8	I	
38	0	4	11	0	5	9	0	, 6		0	- 8	3	
39	0	5	1	0	5	11	0	6		0	8	6	
40	0	5	3	0	6	I	0	7	0	0	. 8	9	
41	0	5	4	0	6	3	0	7	2	0	8	11	
42	0	5	6	0	6	5	0	7	4	0	9	2.	
43	0	5	7	0	6	7	0	7	6	0	9	5	
44	0	5	9	0	6	9	0	7	8	0	9	7	
45	0	5	11	0	6	10	0	7	10	0	9	10	
46	0	6	0	0	7	0	0	8	0	ď	10	0	
47	0	6	2	0	7	2	0	8	2	0	10	3	
48	0	6	3	0	7	4	0	8		0	10	6	
49	0	6	5	0	7	6	0	8	7	0	10	8	
50	0	6	-	0	7	8	0	8	9	0	10	11	
51	0	6	8	0	7	. 9	0	8	11	0	11	2	
52	0	6	10	0	7	11	0	9	1	0	II	4	
53	0	6	11	0	8	1	0	9	3	0	11	7	
54	0	7	-1	0	8	3	0	9	5	0	II	10	
55	0	7	2	0	8	5	0	9	7	0	12	0	
56	0	7	4	0	8	7	0	9	9	0	12	3	
57	0	7	5	0	8	8	0	9	11	0	12	5	
58	0	7	7	0	8	10	0	10	2	0	12		
59	0	7	9	0	9	0	0	10	4	0	12	II	
60	10	7	10	0	9	. 12	0	10	6	0	13	I	

		L	100]			
80%.	3 per C	t. 3	per Ct	14 per	C. I.	5 per	Ct.
Days	1 5.	d. 1.	. s. d.	1. 5.	d.	1. 5.	-d.
61	0 8	00	9 4	OIC	8	0 13	4
62	0 8	1 0	9 6	0.10	IC	0 13	7
63	0 8	30	9 7	0 11	0	0 13	9
5 64	0 8	40	9 9	0 11	2	0 14	0
65	0 8	60	9 11	0 11	4	0 14	.2
66	0 8	80	10 1	0 11	6	0 14	5
67	0 8	90	10- 3	0 11	8	0 14	8
68	0 8 1	1 0	10- 5	0 11	11	0 14	10
69	0 9	00	10 7	0 12	- 1	0 15	1
70	0 9	20	10 8	0 12	3	0 15	4
71	0 9	40	10 10	0 12	5	0 15	6
72	0 9	50	II.	0 12		0 15	9
73		710	11 2	0 12	: 9	0 16	Ó
74		810			11	0 16	2
75	0 91	00	11 6	0 13	1	0 16	5
76	0 9 1	10	11-7	0 1:	3	0 16	7
77	0 10	10	11, 9	, ,		0 16	:0
78	0 10	30	11-11	0 13	8	0 17	1
: 79	0 10	40	127 1	0 13	10	0 17	3
1 80	010	60	12 3	0 14	- 0	0 17	6
. 81	0 10	710	12	0 14	2	0 17	9.
82	0 10	90	12 6	0 12	+ 4	0 17	11
83	0 10 1	00	12 . 8	0 14	6	0 18	2
1 84	0 11	00	12310	0 14	8	0 18	4
85	0 11	20	13 0	0 14	10	0 18	7
86	0 11	3 0	13 2	0 1	C	0 18	10
87	OII	50	13 4	OI	3	0 19	0
88	0 11	60	13 6	0 19	5	0 19	3
11 89	OII	8 0	13 7	0 19	- 1	0 19	6
. 90	0 11 1	00	13 9	0 1	9	0 19	8
91	CIII	110	13 11	0 19	11	c 19	11

INTEREST 70 l.

Months	3 1	ber (Gt.	3	t per	Ct.	4 1	ber	Ct.	5	per	Ct.
	1.	5.	d.	12.	5.	d.	1.	s.	d.	1.	5.	d.
1	0	3	6	0	4	1	0	4	8	0	5	10
2	0		0			2	0	9	4	0	11	8
3	0				12	3		14			17	6
4	0				16	4		18	8	I	3	4
5	0	17	6	I	0	5	I	3		I	9	2
6	I	I		1	4	6	I	8	0	I	15	0
7	ł				8	7	1	12	8	2	0	10
8	1	8	0	I	12	8	1	17	4	2	6	8
9	1	11	6	I	16	9	2	2	0	2	12	6
10	1	15	0	2	0	10	2	6	8	2	18	4
11	1	18	6	2	4	11	2	11	4	3	4	2.
12	2	2	0	2	9	0	2	16	0	3	10	0

				L			7					
701.	3	per	Ct.	3 =	per	Ct.	+	per	Ct.	5	per	Ct.
Days	l.	5.	d.	1.	s.	d.	7.	5.	d.	2.	5.	d.
1	0	0	1	0	0	1	S	0	1	0	0	2
2	0	0	2	0	0	3	0	0	3	2	0	4
3	0	0	4	0	0	4	0	0	5	0	0	6
4	0	0	5	0	0	6	0	0	7	3	0	9
5 6	0	0	6	0	0	.8	0	0	9	0	0	II
6	0	0	8	0	0	9	0	0	11	0	1	1
7	0	0	9	0	0	II	0	1	0	2	1	4
8	0	0	11	0	1	Q	0	ı	2	ြ	1	6
9	0	1	0	0	1	2	0	1	4	0	1	8
10	0.	1	1	0	1	4	0	1	6	0	1	11
11	0	1	3	5	1	5	0	- 1	8	0	2	1
12	0	1	4	0	1	7	0	- 1	10	0	2	3
	0	1		0	I	8	5	1	1:	0	2	
13	0	3	5 7 8	0	1	10	0	2	I	0	2	5
15	0	I	8	0	2	0	0	2	3	0	2	10
16	0	1	10	0	2	I	0	2	5	5	3	0
17	0	1	11	0	2	3	c	2	7	0	3	3
18	0	2	0	0	2		0	2	9	0	3.	5-
19	0	2	2	0	2	6	0	2	10	2	3	7
20	0	2	3	0	2	'8	0	3	0	0	3	10
. 21	0	2	4	0	2	. 9	0	3	2	0	4	0
22	0	2	6	0	2	11	0	3	4	0	4	2
23	0	- 2	7	0	3	1	0	3	4	0	4	4
24	0	2	9	0	3	2	0	3	8	2	4	7
25	0	2	10	0	3	4	0	3	10	0	4	9
26	0	2	11	0	3	5	0	3	II	0	4	II
27	0	3	1	0	3	7	0	4	1	0	5	2
28	0	3	2	0	3	9	0	4	3	0	5	4
29	0	3	4	0	3	10	0	4	5	၁	5	6
30	0	3	5	0	4	0	0	4		0	5	9

701.	13	per	Ct.		per	rCt.	14	per	Ct.	1 /	per	r Ct.	
Days	1.	5.	d.	,1.	s.	d.	1.	5.	d.	1	. 5.	d.	
31	0	3	d. 6 8	0	4	1	10	4	9	10	5	II	
32	0	3	8	,0	4	3	0	4	IC	0		1	
33	0	3	9	0	4	5	0	5	0	0			
34	0	3	10	0	4	3 5 6 8	0	5	2	0		6	
35	0	4		0	4			5	4	0			
36 37 38 39	0	4	1 3 4 5	0	4	9 1! 1	010000	5 5 5 5 5 5 6	6	0	6		
37	0	4	3	0	4	1!	0	5	- 8	0		I	
38	0	4	4	000	4 5	1	0	5	9	0	7	3	
39	0	4	5	0	5	2		5	11	0	7	5	
40	0	4	7 8	0	5	4	0		1	010	7		
41	0	4		0	5 5 5 6 6	6	0100	6	9 11 1	0	7 8	10	
. 42	0	4	9	0	5	7	0	6	5 7	0	8	0	
43)	4	II	0	5	9	0	6	7	0	8	2	
44	0	5	0	0	5	10	0	6	9	0	8	5	
45	0	5	1	0 0	6	2	0 0	6	10	0	8	_ 7	
44 45 46 47 48	0	5	9 11 0 1 3 4 6 7	0	6	2	0	7	0	0	8	9	
47	0	5	4	0	6	3 5 6	0	7	2	0	9	0	
48	0	5	6		6	5	0	7	4	9	9	2	
1 49	0	5	7	0	6		0	7	6	0	9	4	
50	0	5	9 10 11	0	6	8	0	7	8	000000	9	0 2 5 7 9 0 2 4 7	
51 52 53 54 55	0	5	10		6	11	0	7	9	0	9 9 10	9	
52	0	5	11	0	6	II	0	7	11	0 0	9	11	
53	0		1		7	I	0	δ	1	0	10		
54	0	6	2	0	7	2	0	8	3	0	10	4	
55	0		3	_	7	4	0	8	5	0	10		
56 57	0	6	5 6	0 0 0	7	6	0	8	3 5 7 8	0 0 0 0	10	8	
57	0	6	6	0	7	7	0	8	8	0	10	11	
58	0	6	8	0	7	9	0	8	10		11	1	
1 59	0	6	9	0	7 8	11	0	9	0	0	II	3	
60	0	6	10	0	8	0	0	9	2	0	II	6	

					, t		04	3					
-	101	13	per	Ct.	3 1 2	per	·Ct.	4	per	Ct.	5	per	Ct.
1	Days	1.	5.	d.	1.	s.	d.	1.	5.	d.	I.	s.	d.
	61	0	7	0	0	8	2	0	9	4	0	11	8
	62	0	7	1	0	8	3	0	9	6	0	11	10
	63	0	7	2	0	8	5 7	0	9	7	0	12	0
	64	0	7	4	0	8		0	9	9	0	12	3
	65	0	7	_5	0	8	9	0	9	11	0	12	_5
	66	0	7	7 8	0	8	10	0	10	1	0	12	7
	67 68	0	7	8	0	8	11	0	10	3	0	I 2	CI
	68	0	7	9	0	9	1	0	10	5	0	13	0
	69	0	7	11	0	9	3	0	10	7	0	13	2
-	70	0	8	0	0	9	4	0	10	8	0	13	5
	71	0	8	' 2	0	9	6	0	10	10	0	13	7
	72	0	8	3	0	9	7	0	11	0	0	13	9
	73	0	8		0	9	9	0	11	2	0	14	0
	74	0	8	6	0	9	11	0	11	4	0	14	2
	75	0	- 8	7	0	10	0	0	II	6	0	14	4
	76	0	8	8	0	10	2	0	11	7	0	14	6
	76 77 78	0	8	10	0	10	4	0	11	9	0	14	9
	78	0	8	11	0	10	5	0	11	11	0	14	II
	79	0	9	1	0	10	7	0	12	I	0	15	1
	80	0	9	2	0	10	8	0	12	3.	0	15	4
1	81	0	9	3	0	10	10	0	12	5	0	15	6
-	82	0	9	5	0	II	0	0	12	6	0	15	8
	83	0	9		0	II	1	0	12	8	0	15	II
	84	0	9	7	0	II	3	0	12	10	0	16	1
-	85	0	9	9	0	11	4	0	13	0	0	16	3
		0	9	10	0	II	6	0	13	2	0	16	5
	87	0	10	0	0	11	8	0	13	4	0	16	
	88	0	10	1	0	II	9	0	13	6	0	16	10
	89	0	10	2	0	II	II	0	13	7	0	17	0
	1	0	10	4	0	12	0	0	13	9	0	17	3
	91	0	10	5	0	12	2	0	13	II	0	17	5

INTEREST 60 %.

Months	3 p	er Ct.	3 ^I	per Ct.]4 p	er Ct.	15 p	er Ct.
5 6	1.	s. d.	1.	s. d.	1.	s. d.	1.	s. d.
11 . 1	0	30	0	3 6	0	4 0	0	50
2	0	60	0	7 0	0	8 0	0	10 0
= 3	0	90	0	10 6	0	12 0		
- 4	0	12 0	0			160		00
. 5	0	15 0		17, 6	I	0 0	I	50
6	0	18 0		1 0	I	40	I	10 0
7	I	10	I		1	8 0		15 0
8	I	40	I	8 0	1	12 0	2	00
9	I	70	1	11 6	I	160	2	50
10	I	10 0	I	15 0		0 0	2	10 0
II	I	13 0	I	18 6	2	40	2	150
12	1	160	12	2 0	1 2	8 0	3	00

				L	1	,,,	7					
601.	13	per	Ct.	31	per	·Ct.	14	per	Ct.	15	per	Ct.
Days	1.	5.	d.	1.	5.	d.	1.	5.	d.	1.	ş.	d.
1	0	0	1	0	0	1	0	0	1	0	0	1
2	0	0	2	0	0	2	0	0	3	0	0	3
3	0	0	3	0	0	4	0	0	46	0	0	5
4	0	0	4	0	0	5 6	10	0		0	0	7
5	0	0	_5	0	0		0	0	7	0	0	9
6	0	0	7 8	0	0	8	0	0	9	0	0	11
7 8	0	0		0	0	9	0	0	11	0	1	I
	0	0	9	0	0	11	0	I	0	0	I	3
9	0	0	10	0	_1	0	0	_1	2	0	1	. 5
10	0	0	11	0	I	1	0	1	3	0	1	7
11	0	1	1	0	1	3 4 5 7 8	0	1	5	0	1	9
12	0	1	2	0	I	4	0	1		0	I	II
13	0	1	3	0	1	5	10	I	8	0	2	I.
14	0	1	4	0	1	7	0	1	10	0	2	3
15	0	1	_ 5	0	1	-8	0	I	11	0	2	_5
16	0	1	6	0	I	10	0	2	I	0	2	7
17	0	1	8	0	1	11	0	2	2	0	2	9
	0	1	9	0	2	0	0	2	4	0	2	11
19	0	1	10	0	2	2	0	2	5	0	3	I
20	0	I	11	0	2	3	0	2	7	0	3	3
- 21	0	2	0	0	2	4	0	2	9	0	3	
22	0	2	2	0	2	6	0	2	10	0	3	5
23	0	2	3	0	2	7	0	3	_	0	3	9
24	0	7	4	0	2	9	0	3.		0	3	
25	0	2	6	0	2	10	0	3		0	4	1
26	0	2	6	0	2	11	0	3	5	0	4	3
27	0	2	7	0	3	1	0	3	6	0	4	5
28	0	2	9	0	3	2	0	3		0	4	7
29	0	2		0	3	4	0	3		0	4	9
30	0	2	11	0	3	5	0	3	II	0	4	II

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				L		~ ~	7					
601.	13	per	Ct.	3 1/2	per	rCt.		per	Ct.	15	per	Ct.
Days	1.	5.	d	1.	s.	d.	1.	. 5.	d	12.	5.	d.
61	0	6	0	0	7	Ó	0	8	O	0	10	0
62	0	6	1	0	7	1	0	8	1	0	10	2
63	0	6	2	0	7	2	0	8	3	0	10	- 2
64	0	6	3	0	7	4	0	8	4	0	10	6
65	0	6	4	0	7	5	0	8	6	0	10	8
66	0-	6	6	0	7	7	0	8	8	0	10	10
- 67	0	6	7	0	7	7	0	- 8	9	0	11	0
- 63	00	6	8	0	7	9	0	8	11	0	11	2
69	0	6	9	0	7	11	0	9	0	0	11	- 4
70	0	6	10	0	8	0	0	9	2	0	II	. 6
71	0	7	0	0	8	2	0	9	4	0	11	8
72	0	7	1	0	8	3	0	9	5	0	11	10
73	0	7	2	0	8	- 4	0	9	7	0	12	0
74	0	7	3	0	8	6	0	9	8	ł	12	- 1
75	0	7	4	0	8	7	0	9	10	0	12	3
76	0	7	5	0	8	8	0	9	11	0	12	5
77	0	7	7	0	8		0	10	1	0		7
78	0	7	8	0 -	8	11		10	3	0	12	9
79	0	7	9	0	9	I	0	10	4	0	12	11
80	0	7	10	0	9	2	0	10	6	0	13	1
81	0	7	11	5	9	3	0	IO	7	0	13	3
82	0	8	1	0	9			10	9	0	13	5
83	0	8	2	0	9		0	10	10	0	13	7
84	0	8	3	0 =	9	7	0	11	0	0	13	9
	0	8	4	0	9	9	0	II	2	0	13	11
-	0	8	5	0	9	10	0	11	3	0	14	- 1
- 87	0	8	6	0 1	10	0	0	11	5		14	3
	0	8	8	3.1	0	1	0	II	6		14	5
89	0	8	9.	0 1	0	2	0	11	8	0	14	7
	0	8	10	O 1	10	4	0	11	10	0 -	14	9
- 1	0	8	11	0 1	0	5	0	11	11	0	14	11

INTEREST 50 %.

Months	3 p	er C	t	3 1	per	Ct.	4 \$	er C	it.	5	per	Ct.
	1.	5.	d.	1.	5.	d.	1.	5.	d.	1.	5.	d.
1	0	2	6	0	2	11	0	3	4	0	4	2
2	0	5	C	0	5	10	0	6	8	0	8	4
3	0	7	6	0	8	9	0	10	0	0	12	6
4	0	10	0	0	1 1	8		13			16	8
5	0	12	6	0	14	7	_	16	8	I	0	10
6	0	15	0	0	17	6	I	0	C	1	5	0
7	0	17	6	1	0	5	1	3	4	1	9	2
8	1	0	C	1	3	4	I	3	8	1	13	4
9	1	2	6	I	3	3	I	10	0	1	17	6
10	1	5	0		9	2	1	13		2	I	8
11	I	7	6	1	12	1	1	16	8	2	5	10
12	I	10	0	1	15	C	2	0	0	2	10	0

[170]

50 l. 3 per Ct. 3 per Ct. 4 per Ct. 5 per Ct. Days l. s. d. l. s. d. l. s. d. l. s. d. 1 0 0 0 0 0 1 0 0 1 0 0 1 2 0 0 1 0 0 2 0 0 3 0 0 3 0 0 4 4 0 0 3 0 0 4 0 0 5 0 0 6 5 0 0 4 0 0 5 0 0 6 0 0 7 0 0 9 7 0 0 6 0 0 8 0 0 9 0 0 11 8 0 0 7 0 0 9 0 0 10 0 1 1 9 0 0 8 0 0 10 0 0 11 0 1 2 10 0 0 9 0 0 11 0 1 1 0 1 3 0 1 7 13 0 1 0 0 1 2 0 1 5 0 1 9 14 0 1 1 0 1 4 0 1 6 0 1 11 15 0 1 2 0 1 5 0 1 7 0 2 0 16 0 1 3 0 1 6 0 1 9 0 2 2 17 0 1 4 0 1 7 0 1 10 0 2 3 18 0 1 5 0 1 8 0 1 11 0 2 5 19 0 1 6 0 1 9 0 2 0 2 8 21 0 1 8 0 2 0 2 3 0 2 10 2 8 22 0 2 1 0 2 4 0 2 8 0 3 5 26 0 2 1 0 2 3 0 2 8 0 3 0 0 3 10	[1/0]													
1 0 0 0 0 0 1 0 0 1 0 0 1 0 0 1 2 0 0 3 0 0 4 0 0 5 0 0 6 0 0 8 0 0 6 0 0 7 0 0 9 0 0 11 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1	_	501.	13	per	Ct.	3	1 per	·Ct.	4	per	Ct	.15	per	Ct.
1 0 0 0 0 0 1 0 0 1 0 0 1 0 0 1 2 0 0 3 3 0 0 4 4 0 0 3 0 0 4 0 0 5 0 0 6 0 0 8 0 0 6 0 0 7 0 0 9 0 0 11 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1 1 1 0 1	4	Days	12.	5.	d.	1.	5.	d.	12.	5.	d	14.	5.	d.
3 0 0 2 0 0 3 0 0 3 0 0 4 4 0 0 3 0 0 4 0 0 5 0 0 6 5 0 0 4 0 0 5 0 0 6 0 0 8 6 0 0 5 0 0 6 0 0 7 0 0 9 7 0 0 6 0 0 8 0 0 9 0 0 11 8 0 0 7 0 0 9 0 0 10 0 1 1 9 0 0 8 0 0 10 0 0 11 0 1 2 10 0 0 9 0 0 11 0 1 1 0 1 3 0 1 7 13 0 1 0 0 1 2 0 1 5 0 1 9 14 0 1 1 0 1 4 0 1 6 0 1 11 15 0 1 2 0 1 5 0 1 7 0 2 0 16 0 1 3 0 1 6 0 1 9 0 2 2 17 0 1 4 0 1 7 0 1 10 0 2 3 18 0 1 5 0 1 8 0 1 11 0 2 5 19 0 1 6 0 1 9 0 2 0 2 8 21 0 1 8 0 2 0 0 2 3 0 2 10 22 0 1 9 0 2 1 0 2 4 0 3 0 23 0 1 10 0 2 2 0 2 6 0 3 1 24 0 1 11 0 2 3 0 2 7 0 3 3 25 0 2 0 2 2 7 0 2 11 0 3 8 28 0 2 3 0 2 8 0 3 0 0 3 10		1	0	0	0	0	0	I	0	0	1	0	0	1
4 0 0 3 0 0 4 0 0 5 0 0 6 0 8			0	0	1	0	0	2	0	0	2	0	0	3
5 0 0 4 0 0 5 0 0 6 0 0 8 6 0 0 5 0 0 6 0 0 7 0 0 9 7 0 0 6 0 0 8 0 0 9 0 0 11 8 0 0 7 0 0 9 0 0 10 0 1 1 9 0 0 8 0 0 10 0 0 11 0 1 2 10 0 0 9 0 0 11 0 1 1 0 1 3 0 1 7 13 0 1 0 0 1 2 0 1 5 0 1 9 14 0 1 1 0 1 4 0 1 6 0 1 11 15 0 1 2 0 1 5 0 1 7 0 2 0 16 0 1 3 0 1 6 0 1 9 0 2 2 17 0 1 4 0 1 7 0 1 10 0 2 3 18 0 1 5 0 1 8 0 1 11 0 2 5 19 0 1 6 0 1 9 0 2 0 2 8 21 0 1 8 0 2 0 2 3 0 2 10 23 0 1 10 2 3 0 2 4 0 3 0 24 0 1 11 0 2 3 0 2 7 0 3 3 25 0 2 0 2 2 7 0 2 11 0 3 8 28 0 2 3 0 2 8 0 3 0 0 3 10			0	0	2	0	0	3	0	0	3	0	0	
6 0 0 5 0 0 6 0 0 7 0 0 9 7 0 0 9 7 0 0 6 0 0 8 0 0 9 0 0 11 8 0 0 7 0 0 9 0 0 11 0 1 1 9 0 0 8 0 0 10 0 0 11 0 1 2 10 0 0 9 0 0 11 0 1 1 0 1 1 0 1 1 0 1 1 0 1 1 1 1 0 1 1 1 1 0 1 1 1 1 0 1		4	0	0	3	0	0		0	0	5	0	0	
7 0 0 6 0 0 8 0 0 9 0 0 11 8 0 0 7 0 0 9 0 0 10 0 1 1 9 0 0 8 0 0 10 0 0 11 0 1 2 10 0 0 9 0 0 11 0 1 1 0 1 4 11 0 0 10 0 1 0 0 1 2 0 1 6 12 0 0 11 0 1 1 0 1 3 0 1 7 13 0 1 0 0 1 2 0 1 5 0 1 9 14 0 1 1 0 1 4 0 1 6 0 1 11 15 0 1 2 0 1 5 0 1 7 0 2 0 16 0 1 3 0 1 6 0 1 9 0 2 2 17 0 1 4 0 1 7 0 1 10 0 2 3 18 0 1 5 0 1 8 0 1 11 0 2 5 19 0 1 6 0 1 9 0 2 0 2 2 20 0 1 7 0 1 11 0 2 2 0 2 8 21 0 1 8 0 2 0 0 2 3 0 2 10 22 0 1 9 0 2 1 0 2 4 0 3 0 23 0 1 10 0 2 2 0 2 6 0 3 1 24 0 1 11 0 2 3 0 2 7 0 3 3 25 0 2 0 0 2 4 0 2 8 0 3 5 26 0 2 1 0 2 5 0 2 10 0 3 6 27 0 2 2 0 2 7 0 2 11 0 3 8 28 0 2 3 0 2 8 0 3 0 0 3 10	-		0	0	4	0	0	_5	0	0	_ 6	0	0	8
8 0 0 7 0 0 9 0 0 10 0 1 1 9 0 0 8 0 0 10 0 0 11 0 1 2 10 0 0 9 0 0 11 0 1 1 0 1 4 11 0 0 10 0 1 0 0 1 2 0 1 6 12 0 0 11 0 1 1 0 1 3 0 1 7 13 0 1 0 0 1 2 0 1 5 0 1 9 14 0 1 1 0 1 4 0 1 6 0 1 11 15 0 1 2 0 1 5 0 1 7 0 2 0 16 0 1 3 0 1 6 0 1 9 0 2 2 17 0 1 4 0 1 7 0 1 10 0 2 3 18 0 1 5 0 1 8 0 1 11 0 2 5 19 0 1 6 0 1 9 0 2 0 2 2 20 0 1 7 0 1 11 0 2 2 0 2 8 21 0 1 8 0 2 0 0 2 3 0 2 10 22 0 1 9 0 2 1 0 2 4 0 3 0 23 0 1 10 0 2 2 0 2 6 0 3 1 24 0 1 11 0 2 3 0 2 7 0 3 3 25 0 2 0 0 2 4 0 2 8 0 3 5 26 0 2 1 0 2 5 0 2 10 0 3 6 27 0 2 2 0 2 7 0 2 11 0 3 8 28 0 2 3 0 2 8 0 3 0 0 3 10			0	0	5	0	0		0	0	7	0	0	9
9 0 0 8 0 0 10 0 0 11 0 1 2 1 1 1 1 1 1 1 1 1 1		7	0	0	6	0	0	8	0	0			0	
10 0 0 9 0 0 11 0 1 10 1 4 1 10 1 4 11 0 0 10 10 0 1 0 0 1 2 0 1 6 12 0 0 11 0 1 1 1 0 1 3 0 1 7 13 0 1 0 0 1 2 0 1 5 0 1 9 14 0 1 1 0 1 3 0 1 7 0 2 0 1 5 0 1 2 0 1 5 0 1 1 1 1 0 1 3 0 1 7 0 2 0 1 5 0 1 2 0 1 5 0 1 7 0 2 0 1 5 0 1 7 0 2 0 1 5 0 1 7 0 2 0 1 5 0 1 7 0 2 0 1 5 0 1 7 0 2 0 1 5 0 1 7 0 2 0 1 5 0 1 7 0 2 0 1 5 0 1 7 0 2 0 1 10 0 2 3 18 0 1 5 0 1 8 0 1 11 0 2 5 19 0 1 6 0 1 9 0 2 0 0 2 7 20 0 1 7 0 1 11 0 2 2 0 2 8 1 1 1 0 2 2 0 2 8 1 1 1 0 2 2 0 2 8 1 1 1 0 2 2 0 2 8 1 1 1 0 2 2 0 2 8 1 1 1 0 2 2 0 2 8 1 1 1 0 2 2 0 2 8 0 3 5 1 1 0 2 2 0 2 1 0 2 2 0 2 8 0 3 5 1 1 0 2 2 0 2 1 0 2 2 0 2 8 0 3 5 1 1 0 2 2 0 2 8 0 3 5 1 1 0 2 2 0 2 8 0 3 5 1 1 0 2 2 0 2 8 0 3 1 1 0 2 2 0 2 8 0 3 5 1 1 0 3 8 28 0 2 3 0 2 8 0 3 0 0 3 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1			0	0		0	0	9	0	0	10	0	1	1
11 0 0 10 0 1 0 1 2 0 1 6 12 0 1 6 12 0 1 1 0 1 3 0 1 7 13 0 1 0 0 1 2 0 1 5 0 1 9 14 0 1 1 0 1 3 0 1 7 0 2 0 1 5 0 1 9 14 0 1 1 0 1 3 0 1 7 0 2 0 1 5 0 1 9 10 10 0 2 3 18 0 1 5 0 1 8 0 1 11 0 2 5 19 0 1 6 0 1 9 0 2 2 2 17 0 1 6 0 1 9 0 2 2 0 2 8 2 10 1 7 0 1 10 0 2 3 18 0 1 5 0 1 8 0 1 11 0 2 5 19 0 1 6 0 1 9 0 2 2 0 2 8 2 10 1 10 0 2 3 10 2 2 0 1 9 0 2 1 0 2 2 0 2 8 2 10 2 2 0 1 9 0 2 1 0 2 2 0 2 8 0 3 5 2 10 0 2 1 0 2 2 0 2 8 0 3 5 2 10 0 2 1 0 2 2 0 2 8 0 3 5 2 10 0 2 1 0 2 2 0 2 1 0 3 8 2 1 0 2 2 0 2 1 0 3 8 2 1 0 2 2 0 2 3 0 3 10 2 10 2 2 0 2 10 0 3 6 2 10 0 2 3 0 2 10 0 3 8 2 10 0 2 3 0 2 3 0 2 11 0 3 8 2 10 0 2 3 0 2 3 0 2 11 0 3 8 2 10 0 2 3 0 2 3 0 2 3 0 0 3 10 0 3 10 0 0 0 0 0 0 0 0 0 0 0				0		0	0		0	0	I,I	0	1	2
12 0 0 11 0 1 1 0 1 3 0 1 7 13 0 1 0 0 1 2 0 1 5 0 1 9 14 0 1 1 0 1 4 0 1 6 0 1 11 15 0 1 2 0 1 5 0 1 7 0 2 0 16 0 1 3 0 1 6 0 1 9 0 2 2 17 0 1 4 0 1 7 0 1 10 0 2 3 18 0 1 5 0 1 8 0 1 11 0 2 5 19 0 1 6 0 1 9 0 2 0 0 2 7 20 0 1 7 0 1 11 0 2 2 0 2 8 21 0 1 8 0 2 0 0 2 3 0 2 10 22 0 1 9 0 2 1 0 2 4 0 3 0 23 0 1 10 0 2 2 0 2 6 0 3 1 24 0 1 11 0 2 3 0 2 7 0 3 3 25 0 2 0 0 2 4 0 2 8 0 3 5 26 0 2 1 0 2 5 0 2 10 0 3 6 27 0 2 2 0 2 7 0 2 11 0 3 8 28 0 2 3 0 2 8 0 3 0 0 3 10	-	10	0	0	9	0	0	II	0	I	1	0	I,	4
13 0 1 0 0 1 2 0 1 5 0 1 9 14 0 1 1 0 1 4 0 1 6 0 1 11 15 0 1 2 0 1 5 0 1 7 0 2 0 16 0 1 3 0 1 6 0 1 9 0 2 2 17 0 1 4 0 1 7 0 1 10 0 2 3 18 0 1 5 0 1 8 0 1 11 0 2 5 19 0 1 6 0 1 9 0 2 0 0 2 7 20 0 1 7 0 1 11 0 2 2 0 2 8 21 0 1 8 0 2 0 0 2 3 0 2 10 22 0 1 9 0 2 1 0 2 4 0 3 0 23 0 1 10 0 2 2 0 2 6 0 3 1 24 0 1 11 0 2 3 0 2 7 0 3 3 25 0 2 0 0 2 4 0 2 8 0 3 5 26 0 2 1 0 2 5 0 2 10 0 3 6 27 0 2 2 0 2 7 0 2 11 0 3 8 28 0 2 3 0 2 8 0 3 0 0 3 10	- 30		0	0	10	0	I	0	0	I	2	0	1	6
14 0 1 1 0 1 4 0 1 6 0 1 11 15 0 1 2 0 1 5 0 1 7 0 2 0 16 0 1 3 0 1 6 0 1 9 0 2 2 17 0 1 4 0 1 7 0 1 10 0 2 3 18 0 1 5 0 1 8 0 1 11 0 2 5 19 0 1 6 0 1 9 0 2 0 2 2 20 0 1 7 0 1 11 0 2 2 0 2 8 21 0 1 8 0 2 0 0 2 3 0 2 10 22 0 1 9 0 2 1 0 2 4 0 3 0 23 0 1 10 0 2 2 0 2 6 0 3 1 24 0 1 11 0 2 3 0 2 7 0 3 3 25 0 2 0 0 2 4 0 2 8 0 3 5 26 0 2 1 0 2 5 0 2 10 0 3 6 27 0 2 2 0 2 7 0 2 11 0 3 8 28 0 2 3 0 2 8 0 3 0 0 3 10	6		0	0	II	0	1	I	0	1	3	0	1	7
15 0 1 2 0 1 5 0 1 7 0 2 0 16 0 1 3 0 1 6 0 1 9 0 2 2 17 0 1 4 0 1 7 0 1 10 0 2 3 18 0 1 5 0 1 8 0 1 11 0 2 5 19 0 1 6 0 1 9 0 2 0 0 2 7 20 0 1 7 0 1 11 0 2 2 0 2 8 21 0 1 8 0 2 0 0 2 3 0 2 10 22 0 1 9 0 2 1 0 2 4 0 3 0 23 0 1 10 0 2 2 0 2 6 0 3 1 24 0 1 11 0 2 3 0 2 7 0 3 3 25 0 2 0 0 2 4 0 2 8 0 3 5 26 0 2 1 0 2 5 0 2 10 0 3 6 27 0 2 2 0 2 7 0 2 11 0 3 8 28 0 2 3 0 2 8 0 3 0 0 3 10	-		0	1		0	1	2	0		5	0	I	9
16 0 1 3 0 1 6 0 1 9 0 2 2 17 0 1 4 0 1 7 0 1 10 0 2 3 18 0 1 5 0 1 8 0 1 11 0 2 5 0 2 7 0 2 7 0 2 2 0 2 2 0 2 2 0 2 10 2 2 0 2 10 2 2 0 2 10 2 2 0 3 0 2 10 2 2 0 3 0 2 10 2 2 0 3 0 3 3 0 3 6 2 10 2 2 0 2 10 2 2 0 2 10 2 2 0 2 11 0 2 2 0 2 0 3 0	- 5		0	I					0	I		1	I	II
17 0 1 4 0 1 7 0 1 10 0 2 3 18 0 1 5 0 1 8 0 1 11 0 2 5 19 0 1 6 0 1 9 0 2 0 2 2 7 20 0 1 7 0 1 11 0 2 2 0 2 8 21 0 1 8 0 2 0 0 2 3 0 2 10 22 0 1 9 0 2 1 0 2 4 0 3 0 23 0 1 10 0 2 2 0 2 6 0 3 1 24 0 1 11 0 2 3 0 2 7 0 3 3 25 0 2 0 0 2 4 0 2 8 0 3 5 26 0 2 1 0 2 5 0 2 10 0 3 6 27 0 2 2 0 2 7 0 2 11 0 3 8 28 0 2 3 0 2 8 0 3 0 0 3 10		15	0	1	2	0	I		0	I	- 7	0	2	0
18 0 1 5 0 1 8 0 1 11 0 2 5 10 0 1 6 0 1 9 0 2 0 0 2 7 20 0 1 7 0 1 11 0 2 2 0 2 8 21 0 1 8 0 2 0 0 2 3 0 2 10 22 0 1 9 0 2 1 0 2 4 0 3 0 23 0 1 10 0 2 2 0 2 6 0 3 1 24 0 1 11 0 2 3 0 2 7 0 3 3 25 0 2 0 0 2 4 0 2 8 0 3 5 26 0 2 1 0 2 5 0 2 10 0 3 6 27 0 2 2 0 2 7 0 2 11 0 3 8 28 0 2 3 0 2 8 0 3 0 0 3 10		16	0	1	3	0	- 1	6	0	1	9	0	2	2
18 0 1 5 0 1 8 0 1 11 0 2 5 19 0 1 6 0 1 9 0 2 0 0 2 7 20 0 1 7 0 1 11 0 2 2 0 2 8 21 0 1 8 0 2 0 0 2 3 0 2 10 22 0 1 9 0 2 1 0 2 4 0 3 0 23 0 1 10 0 2 2 0 2 6 0 3 1 24 0 1 11 0 2 3 0 2 7 0 3 3 25 0 2 0 0 2 4 0 2 8 0 3 5 26 0 2 1 0 2 5 0 2 10 0 3 6 27 0 2 2 0 2 7 0 2 11 0 3 8 28 0 2 3 0 2 8 0 3 0 0 3 10				I	4	0	I		0	I	10	0	2	3
20 0 1 7 0 1 11 0 2 2 0 2 8 21 0 1 8 0 2 0 0 2 3 0 2 10 22 0 1 9 0 2 1 0 2 4 0 3 0 23 0 1 10 0 2 2 0 2 6 0 3 1 24 0 1 11 0 2 3 0 2 7 0 3 3 25 0 2 0 0 2 4 0 2 8 0 3 5 26 0 2 1 0 2 5 0 2 10 0 3 6 27 0 2 2 0 2 7 0 2 11 0 3 8 28 0 2 3 0 2 8 0 3 0 0 3 10	-		0	1	5		I	8	0	1	11	0	2	
21 0 1 8 0 2 0 0 2 3 0 2 10 22 0 1 9 0 2 1 0 2 4 0 3 0 23 0 1 10 0 2 2 0 2 6 0 3 1 24 0 1 11 0 2 3 0 2 7 0 3 3 25 0 2 0 0 2 4 0 2 8 0 3 5 26 0 2 1 0 2 5 0 2 10 0 3 6 27 0 2 2 0 2 7 0 2 11 0 3 8 28 0 2 3 0 2 8 0 3 0 0 3 10			0		- 1									
22 0 1 0 0 2 1 0 2 4 0 3 0 23 0 1 10 0 2 2 0 2 6 0 3 1 24 0 1 11 0 2 3 0 2 7 0 3 3 25 0 2 0 2 4 0 2 8 0 3 5 26 0 2 1 0 2 5 0 2 10 0 3 6 27 0 2 2 0 2 7 0 2 11 0 3 8 28 0 2 3 0 2 8 0 3 0 0 3 10	-	20	0	I	7	0	I	II	0	2	2	0	2	8
23 0 1 10 0 2 2 0 2 6 0 3 1 24 0 1 11 0 2 3 0 2 7 0 3 3 25 0 2 0 2 4 0 2 8 0 3 5 26 0 2 1 0 2 5 0 2 10 0 3 6 27 0 2 2 0 2 7 0 2 11 0 3 8 28 0 2 3 0 2 8 0 3 0 0 3 10	8	21	0	1	8	0	2	0	0	2	3	0	2	10
24 0 1 11 0 2 3 0 2 7 0 3 3 25 0 2 0 0 2 4 0 2 8 0 3 5 26 0 2 1 0 2 5 0 2 10 0 3 6 27 0 2 2 0 2 7 0 2 11 0 3 8 28 0 2 3 0 2 8 0 3 0 0 3 10		1	0	1	9	0	2	I	0	2		0	3	0
25 0 2 0 0 2 4 0 2 8 0 3 5 26 0 2 1 0 2 5 0 2 10 0 3 6 27 0 2 2 0 2 7 0 2 11 0 3 8 28 0 2 3 0 2 8 0 3 0 0 3 10			0	1		0			0	2	_	0	3	
26 0 2 1 0 2 5 0 2 10 0 3 6 27 0 2 2 0 2 7 0 2 11 0 3 8 28 0 2 3 0 2 8 0 3 0 0 3 10		- 1	0											
27 0 2 2 0 2 7 0 2 11 0 3 8 28 0 2 3 0 2 8 0 3 0 0 3 10			0	2	0	0	_2	4	0	2	- 8	0	3_	5
27 0 2 2 0 2 7 0 2 11 0 3 8 28 0 2 3 0 2 8 0 3 0 0 3 10		26	0	2	I	0	2	5	0	2	10	0	3	
			0	2	- 1	0				2	II	0	3	
		28	0	2	3	0	2		0	3	0	0	3	01
29 0 2 4 0 2 9 0 3 2 0 3 11		29	0	2		0	2	/	0			0		II
300 2 500 2 100 3 30 4 1	4	30	0	2	51	0	2	101	0	3	3	0	4	I

[171]

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501.	3 1	per 1	Ct.		per	Ct.	4.1	ber .	Ct.	5.1	ber	Ct.
Days	1.	s.	d.	1.	5.	d.	l.	s.	d.	1.	s.	d.
31	0	2	6	0	2	11	0	3	4		4	3
32	0	2	7	0	3	0	0	3	6		4	4
33	0	2	8	0	3	1	0	3	7 8	83	4	6
34	0	2	9	0	3	3	0	3		0	4	7
35	0	2	10	0	3	4	0	3	10	0	4	9
36	0	2	II	0	3	56	0	3	II	0	4	II
- 37	0	3	0	0	3		0	4	0	0	5	0
38	0	3	I	0	3	7 8	0	4	1	0	5	2
39	0	3	2	0	3		0	4	3	0	5	4
40	0	3	3	0	3	10	0	4	4	0	5	5
# 41	0	3	4	0	3	11	0	4	5	0	5	7
42	0	3	5	0	4	0	0	4	7	0	5	9
43	0	3		0	4	1	0	4	8	0	5	10
• 44	0	3	7	0	4	2	0	4	9	0	6	0
45	0	3	8	0	4	3	0	4	II	0		1
46	0	3	9	0	4	46	0	5	0	0	6	3
47	0	3	10	0	4		0	5	1	0	6	5
48	0	3	II	0	4	7 8	0	5	3	0	6	8
49	0	4	0	0	4		0	5	4	0	6	10
50	0	4	1	-	4	9	0	5	5	0		-
51	0	. 4	2	0	4	10	0	5	7	0	6	FI
52	0	4	3	0	4	11	0	5	.8	0	7	1
53	0	4	4	0	5	0 2	0	5	9	0	7	3
0 54	0	4	5	0	5	3	0	5	0	0	7	4
55	-	_	-	-		_	-			-	7	8
56	0	4	7 0	0	5	4	0	6	1	0	7	
57	0	4	8	0	5	5	0	6	2	0	7	9
98	0	4	9	0 0	5	7	0	6	4	0	7 8	11
59	0	4-4	II	0	5		0	6	5	0	8	2
90	30	4		1)	7	10	0	0	10	0	24

[*/*]												
501.	3 1	er	Ct.	3 2	per	Ct.	41	per	Ct.	5	per (Et.
Days	1.	5.	d.	1.	5.	d.	1.	s.	d.	1.	5.	d.
61	0	5	0	0	5	10	0	6	8	0	8	4
62	0	5	1	0	5	11	0	6	9	0	8	5
63	0	5	2	0	6	0	0	6	10	0	8	7
64	0	5	3	0	6	1	0	7	0	0	8	9
65	0	5	4	0	6	2	0	7	1	0	8	10
66	0	5	5	0	6	3	0	7	2	0	9	0
67	0	5		0	6	5	0	7	4	0	9	2
68	0	5	7 8	0	6		0	7	5.6	0	9	3
69	0	5		0	6	7 8	0	7	6	0	9	5
70	0	5	9	0	6	-	0	7	8	0	9	5 7
71 72	0	5	10	0	6	9	0	7	9	0	9	8
72	0	5	11	0	6	10		7 8	10	0	9	10
73	0		0	0	7	0			0	0	10	0
74	0	6	0	0	7	1		8	1	0	10	
75	0	6	1	0	7	2	1	8	2	0	10	3
76	0	6	2	0	7	3	0	8	3	0	10	4
77	0	6	3	0	7	4		8	5	0	10	6
78	0	6	4	0	7	5	0	8		0	10	8
79	0	6	5	0	7			8	7	0	10	9
80	0	6	6	0	7	8		8	9	0	10	11
81	0	6	7 8	0	7	9	0	8	10	0	II	1
82	0	6	8	0	7	10		- 8	11	0	11	2
83	0	6	9	0	7	11	0	9	1	10	II	4
8 3 8 4 8 5	0	6	10	0		0	1	9	2	0	11	6
85	0	6	11	0	8	1	0	9	_3	0	11	7
86	0	7	0	0	8	2		9	5	0	11	9
87	0	7	1	0	8	4	0	9	6	0	11	11
88	0	7	2	0	8	5	0	9	7	0	12	0
89	0	7	3	0	8			9	9	0	12	2
90	0	7	4 5	0	8	7 8	0	9	10	0	12	3
91	10	7	5	0	8	8	0	9	11	10	12	5

Months	3 ;	ber (Ct.	3 =	per (14 1	ber (Ct.	S #	er Ct.	
-	7.	5.	d.		5.	_	1.	5.	d	1.	s. d.
1	0	2	0	0		4	0	2	8	0	3 4
2	0	4	0	0	4	8	0	5	4	0	6 8
3	0	6	0	0	7	0	0	8	0	0	10 0
4	0	8	0	0	9	4	0	10	8	0	13 4
5	0	10	0	0	II	8	0	-	4	0	168
6	0	12	0	0	14	0	0	16	0	1	00
0 7	0	14	0	0	16	4	0	18	8	1	3 4
8	0	16	0	0	18	8	1	I	4	I	6 8
9	0	18	0	I	1	0	I	4	0	1	10 0.
10	1	0	0	1	3	4	I	6	8	1	13 4
11-	1	2	0	1	8	8	I	9	4	1	16 8
12	1	4	0	1	8	0	I	12	0	.2	00

		4	-	L	1	14	1					
40%.	3	per	Ct.	35	per	Ct.	4	per	Ct.	5	per	Ct.
Days	1.	5.	d.	1.	s.	d.	1.	s.	d.	1	5.	d.
1	0	0	0	0	0	0	0	0	I	0	0	I
2	0	0	I	0	0	I	0	0	2	0	0	2
3	0	0	2	0	0	2	0	0	3	0	0	3
4	0	0	3	0	0	3	0	0	4	0	0	5
5	0	0	3	0	0	4	0	0	5	0	0	6
	0	0	4	0	0	5	0	0	6	0	0.	7
7 8	0	0	5	0	0	6	0	0	7	0	0	9
	0	0		0	0	7 8	0	0	8	0	0	10
9	0	0	7	0	0		0	0	9	0	0	II
10	0	0	7 8	0	0	9	0	0	CI	0	1	1
11	0	0	8	0	0	10	0	0	11	0	1	2
12	0	0	9	0	0	11	0	1	0	0	1	3
13	0	0	10	0	0	11	0	1	1	0	1	5
14	0	0	II	0	1	0	0	1	2	3	- 1	
15	0	0	II	0	I	1	0	1	3	0	I	7
16	0	1	0	0	1	2	0	1	4	0	I	9
17	0	1	1	0	1	3	0	1	5	0	1	10
18	0	1	2	0	I	4	0	1		0	1	11_
19	0	1	2	0	1	5	0	1	7	0	2	0
20	0	1	3	0	1		0	1	9	0	2	2
21	0	1	4	0	1	7 8	0	I	10	0	2	3
22	0	1	5	0	1		0	1	11	0	2	4
23	0	1		0	1	9	0	2	0	0	2	6
24	0	1	6	0	1	10	0	2	1	0	2	7
25	0	1	7	0	1	11	0	2	2	0	2	8
26	0	I	8	0	1	11	0	2	3	0	2	10
27	0	1	9	0	2	0	0	2	4	0	2	11
28	0	1	10	0	2	1	0	2	5	0	3	0
29	0	1	10	0	2	2	0	2		0	3	2
39	0	3	11	0	2	3	0	2	71	0	3	3

40 1 12 ham Ct 2 1 ham Ct 14 her Ct 1 c ham Ct													
401. 3 per Ct. 3 per Ct. 4 per Ct. 5 per Ct.													
Days	11.	s.	d.	1.	5.	d.	1.	5.	d.	1.	5.	d.	
31	0	2	0	0	2	4	0	2	8	0	3	4	
32	0	2	1	0	2	5	0	2	9	0	3	4	
33	0	2	2	0	2			2	9 10	0	3.	7	
34		2	2	0	2	7		2		0	3	7 8	
35	0	2	3	0	2	8	0	3	0	0 0	3	10	
36 37 38	0	2	4 5 5 6	0	2	9	0	3	I	0	3	11	
37	0	2	5	0	2	9	0	3	2	0	3	0	
38	0	2	5	0	2	10	0	3	3 5 6	0	4	1	
39	0	2		0	2	11	0	3	5	0	4	3	
40	0	2	7 8	0 0	3	0	0	3		0	4	4	
41	0	2	8	0	3	1	0	$-\frac{3}{3}$	7 8	0000000	4	5	
42	0	2	9	0	3	2	0	3	8	0	4	7	
42	0	2	9	0	3	3	0	3	9	0	4	7 8	
44	0	2	10	0	3	4	0	3	10	0	4	9	
45	0	2	II	0	3	5	0	3	11	0-	4	11	
46 47 48	0	3	0	0	3	3 4 5 6	0	4	0	0	5	0	
47	0	3	1	0	3 3 3		0	4	1	0	5	1	
48	0	3	1	0	3	7 8	0	4	2	0	5	3	
49	0	3	2	0	3	9	0	4	3	0	5	4	
V 50	0	3	3	0	3	10	0	4		0	5	5	
	0	3	3 4 5 5 6 7	00	3	10	0	4	5 6	010	5		
52	0	3	5	0	3	11	0	4	6	0	5	7 8 9	
53	0	3	5	0 0	4	0	0	4	7 8	0	5	9	
54	0	3	6	0	4	1	0	4	8	0	5	11	
551	0	3	7	0	4	2	0	4	9	0	5	0	
51 52 53 54 55 56 57 58 59	0	3	8	0	4	3	0	4	10	0	6	ī	
57	0	3	8	0	4	4	0		11	0 -	6	2	
58	0	3		0	4	5	0	5	1	0	6	4	
59	0	3		0	4	5	0	5	2	0	6	5	
60	0	3	H	0	4	.71	0	5	3	0	6	5	

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		- 1	-/	1				
40 l. 3 Days l.	per	$Ct. _{\frac{3}{2}}$		it. 4	per	Ct.	5 per	Ct.
		d. 1.	5	d. 1.	5.	d.	1. 5.	d.
- 61 0		00	4	90	5		0 6	8
620		00	4	90	5	5 0	0 6	9
63 0		10	4	90	5	6	6	10
64 0		20	4 I 4 I	00	5	7 8	1 4	0
65 0		3 0 4 0 4 0 5 0		10	5	8 0	7	1
66 0	4	40	5	00	5	90	7	2
67 0	4	4050	5 5 5	10	5 1	0 0	7	
68 0	. 4	50	5	20	5 1	IO	7	4 5 6
690	4	60	5	30		00		
700	4_	7 0 8 0 8 0 9 0	5 .	0 0	6	2 0	_ ′	8
71 0	4	80	5 6	50	6	2 0	7 7 8 8	9
72 0	4	8 0	5	0	6	3 0	7	9
73 0	4	90	5 2	10	6	40	8	0
74 0	4 I 4 I	00	5 8	0	6	3 0 4 0 5 0 0	- 8	1
750		0	5 9	0			8	2
760	4 1	10	5 9 5 10 5 11	0	6 6 1	70	8	3
77 0	5	00	5 10	0	6 1	90	8	5
77 0 78 0 79 0		0	5 11	0		00	8	
790	5	0	5 9 5 10 5 11 6 0		6 1	10	8	7
800	5 3			0			8	9
71 0 72 0 73 0 74 0 75 0 76 0 77 0 78 0 79 0 80 0 81 0 82 0 83 0 84 0 85 0	5 3	0 0 0	6 2 6 3 6 4 5 6 7 8	0	7 1	0	8 1	0
820	5 4	0	5 3	0 0 0	7 2	0		I
83 0	5 5	0	0 4	10	7 3	0	9	1
87.0	5 0	0	5 5 6	0	7 4	10		2
85 o 86 o	5 7	0	- 0	0	7 3 4 7 5 7 6 7 7 7	0		3
800	5 7	0 6	7	0	7 6	0	9 !	5
87 o 88 o	5 3 5 4 5 5 5 7 5 7 5 8 5 9	0	8		7 7	00000	9 (
890	5 9 5 10	0 6			7 8 7 9 7 10	10	9 9	7
900	5 10	0 6	9		7 9		9 9)
91 0		0 6		0 - 7		0	9 10	
3-1-	J **	, ,	!	0	7 11	0	9 11	

30 l.

Months	3 p	er (t.	. 3 per Ct.				er C	2.	5 p	er Ct.
	1.	5.	d.	1.	5.	d.	1.	3.	d.	1.	s. d.
LL T	0	1	6	0	1	9	0	2	0	0	26
2	0	2	0	0.	2	6	0	A	01	0	5 0
3	0	4	6	0	5	3	0	6	0	0	76
4	0	6	0	0	7	0	0	8	0	0	10 0
5											126
6											15 0
7	0	10	6	0	12	3	0	14	0	0	17 6
8	0	12	0	0	14	0	0	16	0	1	00
9	0	13	6	0	15	9	0	18	0	1	26
10	0	15	0	0	17	6	I	0	0	- I	5 0 7 6
11	0	16	6	0	19	3	I	2			76
12	0	18	0	L	1	0	I	4	0	1	10 0

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30l. 3 per Ct. 3 per Ct. 4 per Ct. 5 per Ct. Days l. s. d. s. d. l. s. d. s. d. l. s. d. s. d. l. s. d. s. d. l. s. d. s. d. l. s. d. s. d. l. s. d. s. d. l. s. d. s					L	1	, 0	1					
			per	Ct.	3	pe:	rCt.	14	per	Ct.	15	per	Ct
2 0 0 1 0 0 1 0 0 1 0 0 1 0 0 1 3 0 0 1 3 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0 0 0 1 0	Day.	5/1.	5.	d.	1.	. 5.	. d.	12.	5.	d.	1.	5.	d.
3 0 0 1 0 0 2 0 0 2 0 0 2 0 0 2 4 0 0 2 4 0 0 2 0 0 2 0 0 3 0 0 3 0 0 3 0 0 4 0 0 2 0 0 0 2 0 0 0 3 0 0 0 3 0 0 4 0 0 5 0 0 6 0 0 7 0 0 4 0 0 5 0 0 6 0 0 7 0 0 8 0 0 10 0 12 0 0 5 0 0 6 0 0 7 0 0 8 0 0 10 0 12 0 0 0 11 0 1 2 0 1 6 0 1 10 1 1	I		0	0	0	0	0	0	0	0	0	0	0
4 0 0 2 0 0 2 0 0 3 0 0 3 0 0 3 0 0 4 0 0 0 5 0 0 0 6 0 0 7 0 0 8 0 0 10 0 12 0 0 0 11 0 1 1 0 1 1 1 0 1 2 0 1 6 0 1 10 0 1 1 1 0 1 2 0 1 6 0 1 10 0 1 2 0 1 5 0 1 9 0 2 2 2 2 8 0 1 4 0 1 5 0 1 8 0 2 1 2 0 1 5 0 1 8 0 2 4 2 2 2 8 0 1 4 0 1 5 0 1 8 0 2 4 4 0 1 5 0 1 8 0 2 4 4 0 1 5 0 1 8 0 2 4 4 0 1 5 0 1 8 0 2 4 4 0 1 5 0 1 8 0 2 4 4 0 1 5 0 1 8 0 2 4 4 0 1 5 0 1 8 0 1 10 0 2 2 4 4 0 1 5 0 1 8 0 1 10 0 2 2 4 4 0 1 5 0 1 8 0 1 10 0 2 4 4 0 1 5 0 1 8 0 1 10 0 2 2 4 4 0 1 5 0 1 8 0 1 10 0 2 2 4 4 0 1 5 0 1 8 0 1 10 0 2 2 4 4 0 1 5 0 1 8 0 1 10 0 2 2 4 4 0 1 5 0 1 8 0 1 10 0 2 2 4 4 0 1 5 0 1 8 0 1 10 0 2 2 4 4 0 1 5 0 1 8 0 1 10 0 2 2 4 4 0 1 5 0 1 8 0 1 10 0 2 2 4 4 0 1 5 0 1 8 0 1 10 0 2 2 4 4 0 1 6 0 1 6 0 1 10 0 2 2 4 4 0 1 6		1	-	1	0	0	1	0	0	1	0	0	1
5 0 0 2 0 0 3 0 0 3 0 0 3 0 0 4 6 0 0 3 0 0 4 0 0 4 0 0 4 0 0 5 7 0 0 4 0 0 4 0 0 5 0 0 6 8 0 0 4 0 0 5 0 0 6 0 0 7 9 0 0 5 0 0 6 0 0 7 0 0 8 10 0 0 5 0 0 6 0 0 7 0 0 8 10 0 0 5 0 0 6 0 0 7 0 0 8 10 0 0 5 0 0 6 0 0 7 0 0 8 10 0 0 5 0 0 6 0 0 7 0 0 8 10 0 0 5 0 0 6 0 0 7 0 0 8 10 0 0 5 0 0 6 0 0 7 0 0 8 10 0 0 5 0 0 6 0 0 7 0 0 8 10 0 0 5 0 0 6 0 0 7 0 0 8 10 0 0 5 0 0 6 0 0 7 0 0 8 10 0 0 5 0 0 6 0 0 7 0 0 8 10 0 0 11 0 1 0 1 0 1 1 0 1 1 15 0 0 8 0 0 10 0 0 11 0 1 2 16 0 0 9 0 0 11 0 1 0 0 1 2 0 1 5 19 0 0 11 0 1 1 0 1 2 0 1 6 20 0 0 11 0 1 1 0 1 2 0 1 6 20 0 0 11 0 1 2 0 1 4 0 1 8 22 0 1 1 0 1 3 0 1 5 0 1 9 23 0 1 1 0 1 3 0 1 6 0 1 10 24 0 1 2 0 1 4 0 1 6 0 1 11 25 0 1 2 0 1 5 0 1 7 0 2 0 26 0 1 3 0 1 6 0 1 9 0 2 2 28 0 1 4 0 1 7 0 1 10 0 2 3 29 0 1 5 0 1 8 0 1 10 0 2 4					1	0	2	0	0		0	0	2
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62	0	3	0	0-	3	6	0	4	0	0	5	I
63	0	3	1	0	3	7	0	4	1	0	5	2
64	0	3	I	0	3	8	0	4	2	9	5	3
65	0	3	2	0	3	8	0	4	3	0	5	4
66	0	3 3 3 3 3 3 3 3 3 3 3	3	0	3	9	0	4	4	0	5	5
67 68 69 70	0	3	3	0	3	10	0	4	4	0	5	6
68	0	3	4	0	3	10	0	4	5	0	5	7
69	0	3	4	0	3	II	0	4	6	0	5	8
70	0	.3	5	0	4	0	0	4	7	0	5	9
71	0	3 3 3 3	6	0	4	1	0	4	8 8 9 10	0	5	10
72	0	3	6	0	4	I	0	4	8	0-	5	II
73	0	3	7	0	4	2	0	4	9	0	6	0
74	0	3	1	0	4	3	0	4	10	0	6	0 0
75	0		8	0	4	3	0	4	11	0		I
76	000000000000000000000000000000000000000	3 3 3 3	8	0	4	4	0	4 4 4 4 4 4 4 4 4 4 4 5 5 5 5 5 5 5 5 5	11	0	66666	2
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78	0	3	10	0	4	5	0	5	1	0	0	4
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82	0	4	0	3	4	8	0	5	4	0	6	8
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80	0	4	4 4 5	2	5	1	0	5	9	0	7	2
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90	0	4	5	0	5	2	0	5	11	0	7 7	4 5
911		4	2 1		2	- 1)			1)

INTEREST

Months	3 p	er C	t	3 = 2	per	Ct.	4 \$	er C	t.	5	per	Ct.
	1.	5.	a.	1.	5.	d.	1.	s.	d.	1.	s.	d.
I	0	I	0	0	1	2	0	I	4	0	I	8
2	0	2	0	0	2	4	0	2	8	0	3	4
3	0	3	0	0	3	6	0	4	0	0	5	0
4	0	4	0	0	4	8	0	5	4	0		8
5	0	5	0	0	5	IC	0		-	0	8	4
6	0	6	0	0	7	0	0	8	0	0	10	0
7	0	7	C	_	8	2	0	9	4	0	II	8
8	0	8	0	0	9	4	0	10	8	0	13	4
9	0	9	0	0	10	6	_	12	0	0	15	0
10	0	10	0	0	H	8	0	13	4	0	16	8
- 'II	0	II	0	0	12	10	0	14	8	0	18	4
12	10	12	C	10	14	0	0	16	0	I	0	0

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20	-	13	per	- Ct	. 3	1 pe	rCt	. 4	per	Ct.	15	per	Cr.
·Do	zys	1.	5	. d	. 4	!. s	. d	. 1.	. 5.	d.	12.	5.	d.
	I	0	С		0	, 0		0	0	0	0	0	0
	2	0	С) (0	0		0	0	1	0	0	I
	3	0	0	I	0	0	-1	0	0	1	0	0	1
	4	0	C	1	0	0	1	0	0	2	0	0	2
	5	0	C	1	0	0	2	0	0	2	0	0	3
	6	0	0	2	0	0	2	0	0	3	0	0	3
٠	7	0	0	2	0	0	3	0	0	3	0	0	4
	78	0	0	3	0	0		0	0	4	0	0	5
	9	0	0		0	0			0	4	0	0	5
1	0	0	0	3	0	0	4		0		0	0	5
1	I	0	0	4	0	0	5	0	0	56	0	0	7
1	2	0	. 0	4	0	0	5	0	0	6	0	0	
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	4	0	0	5	0	0	6	0	0	7	0	0	9
, I	5	0	0	5	0	0	6	0	0	7	0	0	9
	6	0	0	6	0	0	7	0	0	8	0	0	10
1	71	0	0	6	0	0		0	0	8	0	0	H
1	78	0	0	7	0	0	7 8	0	0	9	0	0	I I
		0	0	7	0	0	8	0	0	9	0	1	0
2	0	0	0	7	0	0	9	0	0	IO	0	1	1
2	1	0	0	8	0	0	9	0	0	11	0	71	I.
2	2	3	0	8	0	10	10	0	0	II	0	I	2
2	3	0	0	9	0	0	10	0	I	0	0	1	3
2.	4	0	0	9	0	0	11	0	Ī		0	I	3
2	5	0	0	9	0	0	11	0	1	I	0	I	4
2		0	0	10	0	0	11	0	I	1	0	I	5
2		0	0	10	0	I	0	0	I		0	I	5
2	3	0	0	II	0	1	0	0	I	1	0	I	6
2	- 3	0	0	11	0	I	1	0	1	91	0	I	7
30	0)	0	H	0	I	1,	0	I	31	2	I	7

	20 l. 3 per Ct. 3½ per Ct. 4 per Ct. 5 per Ct.													
20	7.	3 1	er	Ct.	3 = 2	per	Ct.	41	ber	Ct.	5 1	ber	Ct.	
Day	75	1.	5.	d.	1.	5.	d.	1.	5.	d	1.	s.	d.	
	I	0	1	0	0	I	2	0	I	4	0	1	8	
9	2	0	I	0	0	1	2	0	I	4	0	I	9	
	3	0	I	1	0	I	3	0	I	5	0	1	9	
	4	0	. 1	I	0	I	3	0	I	5	0	I	10	
3	5	0	I	1	0	1	4	0	I	-	0	1	11	
3	6	0	I	2	0	I	4	0	1	6	0	I	II	
3	7	0	1	2	0	I	5	0	I	7	0	2	0	
3		0	1	2	0	I	5	0	I	7 8	0	2	0	
3		0	1	3	0	I	5	0	1		0	2	1	
-	0	0	I	3	0	1		0	1	9	0	2	2	
4		0	1	4	0	I	6	0	1	9	0	2	2	
	2	0	I	4	0	I	7	0	1	10	0	2	3	
4		0	I	4	0	I	7	0	I	10	0	2	4	
	4	0	1	5	0	I	8	0	1	II	0	2	4	
	5	0	I	_5	0	I	-	0	I	II	0	2	5	
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	4	0	I	9	0	2	I	0	2	4		2	0	
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	201.	3	per	Ct.	3	per	Ct.	4	per	Ct.	5	ber	Ct.
	Days	1.	5.	d.	1.	5.	d.	1.	s.	d.	1.	s.	d.
	61	0	2	0	0	2	4	0	2	8	0	3	4
	62	0	2	0	0	2	4	0	2	8	0	3	4
	63	0	2	0	0	2	4	0	2	9	0	3	
	64	0	2	I	0	2	5	0	2	9	0	3	5
-	65	0	2	1	0	2	_5	0	2	10	0	3	6
	Days 61 62 63 64 65 66 67 68 69 70	0	2	2	0	2	5 6 6 7 7 8	0	2	IC	0	3	7
	67	0	2	2	0.	2	6	0	2	IC II	0	3	7 8
	68	0	2	2	0	2	7	0	2	11	0	3	8
	69	0	2	3	0	2	7	0	3	0	0	3	9
_	70	0	2	3	0	2	8	0	3	0	0	3	9
	71	0	2	4	00100	2	8	0	3	1	010	3	10
	72	0	2	4	0	2	9 9 10	0	3 3 3	1	0 0	3	11
	73	0	2	4	0	2	9	0	3	2	0	4	0
	74	0	2	5	0	2	10	0	3	2	0	4	0
	75	0	2	5	0	2	IC	0	3	3	010	4	I
	71 72 73 74 75 76 77 78 79 80	0	2	3 4 4 5 5 5 6 6 6 7 7 7 8 8	001000	2	10	0	3	2 2 3 3 4 5 56 6 7 7 8 8	0	4	1
	77	0	2	6	0.	2	11	0	3	4	0	4	1 2
	78	0	¹ 2	6	0.	2	11	0	3	5	0	4	3
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	8 ₇ 88	0	2		0	3	3 4 4 4 5 5	0	3	9	0	4	9
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	90	0	2	11	0	3	5	0	3	II	0		11
	91	0	2	11	0	3	5	0	3	II	0	4	11

INTEREST 10 l.

Moz	ths	3 p	er (īt.	3	per	Ct.	4 0	er (Ct.	15	per	Ct.
-		1.	s.	d.	1	. 5.	d.	1.	5.	d.	1.	s.	a.
	1	0	0	6	0	0	7	0	0	8	0	0	10
8.	2	0	1	0	0	- 1	2	0	I	4	0	1	8
	3	0	I	6	0	I	9	0	2		0	2	6
	4	0	2	-	0	2	4	0	2	8	0		4
	5	0	2	6	0	2	11	0	3	4	0	4	2
	6	0	3	0	0	3	6	0	4	0	0	5	0
.8	7	0	3	6	0	4	I	0	4	8	0	5	10
	8	0	4	0	0	4	8	0	5	4	0	6	8
11	9	9	4	6	0	5	3	0	6	0	0	7	6.
15.	10	0	5	0	0	5	10	0	6	8	0	8	
	11	0	5	6	0	6	5	0	7	4	0	9	2.
	12	0	6	0	0	7	0	0	8	0	0	10	0.

					L	10		3					
10) l.	3	per	Ct.	3 5	per	Ct.	1	per	Ct.	5	per	Ct.
D	ays	2.	5.	d.	l.	5.	d.	1.	5.	d.	2.	5	d.
	1	0	0	0	0	0	0	0	0	0	0	0	0
	2	0	0	0	0	0	0	0	0	0	0	0	0
200	3	0	0	0	0	0	0	0	0	0	0	0.	0
- 13	4	0	0	0	0	0	0	0	0	3	0	0	I.
-80	5	0	0	0	0	0	1	0	0	1	0	0	1
	6	0	0	I	0	0	1	0	0	I	0	0	1
	7 8	0	0	1	0	0	- 1	0	0	1	0	0	2
		0	0	1	0	0	1	0	0	2	0	0	2
	9	0	0	. 1	2	0	2	0	0	2	0	0	2
	10	0	0	I	0	0	2	0	0	2	0	0.	3
-51	11	0	0	2	0	0	2	0	0	2	0	0	3
•	12	0	0	2	0	0	2	0	0	3	0	0	3
	13	0	0	2	0	0	2	0	0	3	0	0	4
	14	0	0	2	0	0	_ 3	0	0	3	0	0	4
	15	0	0	2	0	0	3	0	0	3	0	0	4
	16	0	0	3	0	0	3	0	0	4	0	0	5
	17	0	0	3	0	0	3	0	0	4	0	0	5
	18	0	0	3	0	0	4	0	0	4	0	0	5
	19	0	0	3	0	0	4	0	0	4	0	0	
	20	0	0	3	0	0	4	0	0	5	0	0	6
	21	0	0	4	0	2	4	0	0	5	0	0	6
	22	0	0	4	0	0	5	0	0	5	0	0	7
	23	0	0	4	0	0	5	0	0		0	0	7
	24	0	0	4	0	0	5	0	0	6	0	0	7
	25	0	0	4	0	0	5	0	0	6	0	0	8
	26	0	0	5	0	0	5	0	0	6	0	0	8
	27	0	0	5	0	0		0	0	7	0	0	8
	28	0	0	5	0	0	6	0	0	7	0	0	9
	29	0	0	5	0	0	6	0	0	7	0	0	9
	30	0	0	5	0	0	6	0	0	7	Ю	0	9

20/]												
101.13	per	Ct.	3 1/2	per	-Ct.	4	per	Ct.	5	per	Ct.	
Days 1.	5.	d.	1.	5.	d.	1.	5.	d.	t.	s.	d.	
31 0	0	6	0	0	7	0	0	8	0	0	10	
320	0	6	0	0	7	0	0	8	ó	0	10	
33 0	0	6	0	0	7	0	0	8	0	0	10	
34 0	0	6	0	0	7	0	0	8	0	0	11	
35 0	0	6	0	0	8	0.	0	9	0	0	11	
36 0	0	7	0	0	8	0	0	9	0	0	11	
	0	7	0	0	8	0	0	9	0	1	0	
37 ° 38 °	0	7	0	0	8	0	0	9	0	1	0	
390	0	7	0	0	8	0	0	01	0	1	0	
.40 0	0	7	0	0	_9	0	0	10	0	I	I	
410	0	8	0	0	9	0	0	10	0	'I	I	
42 0	0	8	0	0	9	0	0	11	0	1	I	
43 0	0	8	0	0	9	0	0	11	0	I	2	
44 0	0	8	0	0	10	0	0	II	0	I	2	
45 0	0	8	0	0	10	0	0	11	0	1	2	
46 0	0	9	0	0	10	0	1	0	0	1	3	
47 0	0	9	0	0	10	0	1	0	0	I	3	
48 0	0	9	0	0	11	0	1	0	0	1	3	
49 0	0	9	0	0	11	0	1	0	0	1	4	
500	0	9	0	0	II	0_	1	I	0	1	_4	
510	0	10	0	0	II	0	1	1	0	1	4	
520	0	10	0	0	11	0	1	1	0	1	5 5	
,))	0	10	0	1	0	0	1	1	0	1	5	
241	0	10	0	1	0	0	1	2	0	1	5	
550		10	0	-	-	0	-	-1	0	1		
560	0	II	0	1	0	0	1	2	0	I	6	
570	0	II	0	I	1	0	1	2	0	I	6	
580	0	II	0	I	1	0	1	3	0	1	7	
590	0	11	0	1	1	0	1	3	0	1	7	
0010				*		-		31		4	7	

		100 J													
101.	1	per	Ct.	3 1/2	per		1 4	ber	Ct.	12	per	Ct.			
Days	1.	5.	d	1.	5.	d.	1.	5.	d.	1.	5.	d.			
61	0	1	0	0	I	2	0	I	4	0	I	8			
62	0	I	0	0	I	2	0	1	4	0	1	8			
63	0	I	0	0	I	2	0	1	4	0	1	8			
64	0	1	0	0	I	2	0	1	4	0	1	9			
65	0	I	0	0	I	2	0	1	5	0	1	9			
66	0	1	1.	0	I	3	0	I	5	0	I	9			
67	0	1	1	0	1	3	0	1	5	0	1	10			
68	0	1	I	0	I	3	0	1	5	0	1	10			
69	0	I	I	0	I	3	0	1		0	1	01			
7,0	0	I	I	0	I	4	0	I	6	0	I	11			
71	0	1	2	0	I	4	0	I	6	0	I	II			
72	0	I	2	0	I	4	0	1	6	0	1	II			
73	0	1	2	0	I	4	0	I	7	0	2	0			
74	0	1	2	0	I	5	0	1	7	0	2	0			
75	0	1	2	0_	1	5	0	I	7	0	2	0			
76	0	I	2	0	1	5	0	1	7 8	0	2	0			
7.7	0	1	3	0	I	5	0	1	8	0	2	1			
78	0	1	3	0	ID	5	0-	I	8	0	2	I			
79	0	1	3	0	I	6	0	I	8	0	2	1			
80	0	1	3	0	1	6	0	1	9	0	2	2			
81	0	1	3	0	1	6	0	I	9	0	2	2			
82	0	I	4	0	I	6	0	1	9	0	2	2			
83	0	I	4	0	1,	7	0	1	9	0	2	3			
84	0	I	4	0	I	7	0	1	10	0	2	3			
85	0	I	4	0	1	7	0	I	10	0	2	3			
86	0	1	4	0	I,	7 8	0	1	10	0	2	4			
87	0	1	5	0	1	8	0	I	10	0	2	4			
. 88	0	1	5 5 5	0	I	8	0	I	11	0	2	4			
89	0	1	5	0	1	8	0	I	II	0	2	5			
90	0	I	5	0	1	8	0	L	11	0	2	5			
91	0	I	51	0	1	8	0	1	111	0	2	5			

THE

INTEREST

OF

Any Sum under 10 Pounds,

At the Rate of

5 l. per CENT. per Annum.

			L	19	J					
5 per Ct.	2.	9	1.	8 d 8	Z.	7	1. s. o	6	1.	5 d. 5 10 3 6
	5	\overline{d} .	5.	d	5.	d.	5.	d.	5.	d.
1	0	9	s. 0	8	5.	d. 7 2	0	d. 6 0 6	0	5
2 2	1	6	I	4	I	2	1	0	0	10-
Months	2	3	2	0	2	9	I	6	I	3
Months.	4	6	4	C	3	6	3	0	2	6
9	6	9	6	0	5	3	4	6	3	
12	9	d. 96 36 90	8	0	7	0	6	0	3 5	0
9 12 6 Days	2 46 9 0 0 0 0 0 0 0	1	468	0	5 7 0	96 30	3 4 6 0	1.	0	9 0 1 1 1 1 1 1 2 2
Days.	0	2	0	1	0	1	0	1	0	1
8 8	0	2	0	2	0	1 2	0	1.	0	1
9	0	2	0	2	0	2	0	1	0	I
9	0	2	0	2	0	2	0	1	0	I
11	0	3	010	2	0000	2	0	2	0010	I
12	0	3	0	3	0	2	0	2	0	1
13	0	3	0	3	0	2.	0	2	0	2.
14	0	4	0	3	0	3	0	2	0	2
13 14 15 16 17	0	1 2 2 2 2 3 3 3 4 4	0	3.	000000000000	3	0	2	0	2
16	0 0 0 0	4	0	4	0	3	0	3	0	2
17	0	5	0	4	0	3	0	3	0	2
	0	5	0	4	0	4	0	3	0	2
19	0	5	0	4	0	4	0	3	0	3
20	0	5	0	5	0	4	0	3	0	3
21	0000	6	0	5	0	4	0	4	0	3
21 22	0	6	0	5	0	5	0	4	0	3
23	0	6	0	6	0	5	0	4	0	3
24	0	7	0	6	10	5	0.	4	0	3
25	0	7	0	6	0	5	0	4	0	4
23 24 25 26	0	7	0	6	0 0	5	0	5	0	4
27	0	7	0	7	0	6	0	5	0	4
28	0	4 5 5 5 5 6 6 6 6 7 7 7 7 7 8 8 8	0000000000000000000	2 2 3 3 3 3 4 4 4 4 5 5 5 6 6 6 6 7 7 7 7	0	3 3 3 4 4 4 4 5 5 5 5 5 5 6 6 6 6	000000000000000000000000000000000000000	060 1 1 1 2 2 2 2 2 3 3 3 3 3 4 4 4 4 4 4 5 5 5 5 5 5 5	00000000000000000000	2 2 2 3 3 3 3 3 4 4 4 4 4 4 4 4
29		8	0	7	0	6	0	5	0	4
27 28 29 30	0	8	0	7	0	6	10	5	0	4

	[191]									
5 per Ct.	11.	4	1.	3	1.	2	11.	1	10	5.
A 11 -	5.	d.	5.	3 d.	5.	d.	5.	d.	5.	d.
8 14 1	0	4	0		0	2	0	I	0	0
₹ 2	0	8	0	36	0	4	0	2	0	ı
Months	I	0	0	96	0	6	0	3	0	1
	2	0	I		i	0	0		0	3
9	3	0	2	3	I	6	0	9	0	4
12	4	0	3	0	2	0	I	0	0	6
6	0	0	0	0	0	0	0	0	0	0
Days	0	0	0	0	0	0	0	0	0	0
	0	1	0	0	0	0	0	0	0	0
9	0	1	0	0	0	0	0	0	0	0
10	0	I	0	0	0	0	0	0	0	0
11	0	I	0	1	0	0	0	0	0	0
12	0	1	0	1	0	0	0	0	0	0
13	0	1	0	1	0	0	0	0	0	0
14	0	1	0	I	0	0	0	0	0	0
15	0	1	0	I	0	0	0	0	0	0
16	0	2	0	I	0	1	0	0	0	0
17	0	2	0	I	0	1	0	0	0	0
	0	2	0	1	0	1	0	0	0	0
_ 19	0	2	0	1	0	I	0	0	0	0
20	0	2	0	I	0	I	0	0	0	0
21	0	2	0	2	0	I	0	0	0	0
22	10	2	0	2	0	I	0	0	0	0
23	0	3	0	2	0	1	0	0	0	0
24	0	3	0	2	0	1	0	0	0	0
25	0	3	0	2	0	1	0	0	0	0
26	0	3	0	2	0	I	0	0	0	0
27 28	0	3	0	2	0	1	0	0	0	0
	0	3	0	2	0	1	0	0	0	0
29	0	3	0	2	0	I	0	0	0	0
30	0	3	0	2	0	I	0	0	0	0

[192]

r - / J									
5 per Ct.	1. 9	1.	8	1.	7 d.	1.	6	1.	<u>5</u> <u>d</u> .
Days.	s. d.	5.	d	5.	d.	5.	d.	5.	d.
	0 9	0	8	0	7	0	6	0	5
31	0 9	0	8	0	7	0	6	0	5
33	0 9	0	8	0	7	0	6	0	5
34	0 10	0	8	0	7 8	0	6	0	5
35	0 10	0	9	0		0	6	0	5
33 34 35 36 37 38	0 10	0	9	0	8	0	7	0	5 5 5 5 5 6 6 6 6
37	0 10	0	9	0	8	0	7 7 7	0	6
38	0 11	0	9	0	8	0	7	0	6
39	0 11	0	10	0	8	0	7	0	6
40	0 11	0	10	0	9	0010	7 7 8	0 0	
41 42 43	1 0	0	10	0	9	0	8		6
42	1 0	0	11	0	9	0	8	0	6
43	1 0	0	11	0	9	0	8	0	7
44	1 1	0	11	0	10	0	8	0	7
45	I I	0	II	0	10	0	8	0	7 7 7
46 47 48	1 1	I	0	0	10	0	9	0	7 7 8 8 8 8 8
47	I I	1	0	0	10	0	9	0	7
48	1 2	1	0	0	11	0	9	0	7
49	I 2	1	0	0	11	0	9	0	8
49	I 2	I	I	0	II	0	9	010	8
51	I 2 I 3 I 3 I 3 I 3	1	I	0	II	0	10		8
52	I 3	1	I	0	11	0	10	0	8
53	1 3	I	I	I	0	0	10	0	8
54		I	2	I	0	0	10	0	8
55	1 4	1	2	I	0	0	10	0	9
51 52 53 54 55 56 57 58 59	1 4	1	2	I	0	0	H	0	9
57	1 4	1	2	1	1	0	11	0	9
58	1 5	ı	3	1	I	0	11	0	9
59	I 5	I	3	ī	1	0	II	0	9
60	1 5	1	3	I	1	0	II	0	9

			[193	3]					
5 per Ct.	11.	4	12.	3	11.	2	12.	ĭ	1 1	050
Days.	5.	4 d.	5.	d.	5.	d.	5.	d.	5.	d.
31	0	4	0	3	0	2	0	1	0	0
32	0	4	0	3	0	2	0	I	0	0
33	0	4	0	3	0	2	0	ī	0	0
33 34 35	0	4	0	3	0	2	0	1	0	0
35	0	4	0	3	010	2	0	1	0	0
36	0	4	0	3	0	2	0	I	0	0
37	0	4	0	3 3 3	0	2	0	1	0	0
35	0	4	0	3	0	2	0	I	0	0
37 38 39 40	0	5 5 5	0	3	000	2 2	0	I	0	0
	-	2		3	-	_	00	1		0
41	0	5	0	4	0	2		I	0	0
42	0	5	0	4	0	2	0	I	0	0
43 44	0	5	0 0	4	0	2	0	1	.0	0
45	0	2	c	4	0				0	
46	0	5 5 6	-	4	0	-	00	I	0	0 0
40	0	6	0 0	4	0	3	0	I	0	0
47 48	0	6	0	4	0	2	0	ì	0	0
40	0	6	0	4	0	3	0	I	0	0
49	0	6	0	4	0	3 3 3 3 3 3 3	0	1	0	0
51	0	6	0	5	0	3	0	1	0	0
52	0	6 6	0	5	0	3	0	1	0	0000
53	0	6	0	5	0	3	0	1	0	0
54	0	7	0	5	0	3	0	1	0	0
55	0	7	0	5	0	3	0	1	0	0
51 52 53 54 55 56 57 58 59	0	7 7	Ò	4 5555555555	0	3 3 3 3 3	.0	1	0	0
57	0	7	0	5	0	3	0	1	0	0
58	0	7	0	5	0	3	0	I	0	Ó
59	0	7	0	5	0	3	0	I	0	0
00	0	71	0	51	0	3 1	0,	1	0	0

[194]										
5 per Ct.	1.	9,	Z.	8 d.	1.	71	1.	6	1.	5
Days.	5. 6	d.	5.	d.	5.	d.	5.	d.	5.	d.
61	1	d. 6	I	4	s. I	2	I	0	0	10
62	I	6	I	4	I	2	1	0	0	10
63	I	6	I	4	1	2	I	0	0	10
64		6	I	4		2	1	0	0	10
65		7	I	5	1	2	1	0	0	10
66	I	7 7 7 8	I	5 5 5 6	I	3	I	I	0	10
67	1	7	1	5	1	3	I	1	0	11
68	I	8	ł	5	I	3	I	1	0	11
69	I	8	I	6	I	3	1	1	0	11
Days. 61 62 63 64 65 66 67 68 69 70	I	8	I	6	I I I I I I I I I I I I I I I I I I I	4	I	1	0	1.1
71	I	9	1	6	I	4	I	2	0	11
72	1	99990	1	6	I	4	1	2	0	11
73	1	9	1		I	4	1	2	1	0
74	1	9	1	7	I	5		2	1	0
75	I	0	I	7	III	5	I	2	I	Ω
71 72 73 74 75 76 77 78 79 80	I I	0	I	7 7 7 8 8 8	I	3 3 3 4 4 4 5 5 5 5 5 6	I I I I I I	2	ī	0
77	1 1	0	I	8	1	5	1	3	1	0
78		1	I	8	ī	5	1	3	I	0
79	1 1	I	1	8	1	6	I	3	I	0
	1 1	I	I	9	I I I	6	1 1	3	1	I
81 82	1 1	I	1	9		6	1	3	I	I
82	2	0	1	9 9 9 10	1	6	1	4	1	1
83	2	0	1	9	1	7	I	4	1	1
84	2	0		10	1	7		4	1	1
84 85	2	1	I	10	I	7 7 7 8	I	4	1	2
86	2	I	I	10	I	7	1	4	1	2
87 88 89	2	I	1	10	1	8	1	3 3 3 3 4 4 4 4 4 5 5 5 5 5 5 5	I	2
88	2	2	1	11	1	8	1	5	I	2
89	2	2	1	11	1	8	1	5	I	2
90	2	2	1	11	I	8	I	5	I	2
91	2	2	1 1	11	I	8	I	5	1 1	2

[195]										
5 per Ct.	1.	4	1.	3	1.	2	Z.	1	10	5.
Days	5.	_	s.	3 d.	s.	d.	5.	d.	5.	d.
61	0	8	0	6	0	4	0	2	0	1
62	0	8	0	6	0	4	0	2	0	1
63	0	8	0	6	0	4	0	2	0	I
64	0	8	0	6	0	4	0	2	0	I
65	0	8,	. 0	6	0	4	0	2	0	Y
66	0	8	0	6	0	4	0	2	0	1
67 68 69 70	0	8	. 0	6	0	4	0	2	0	X
68	0	8	0	6	0	4	0	2	0	I
69	0	9	0	6	0.	4	0	2	0	1
70	0	9	0	6	0	4	0	2	0	1
71	0	9	0	7 7 7	.0	4	0	2	0	1
72	0	9	0	7	0	4	0	2	0	I
73	0	9	0	7	0	4	0	2	0	X
74	0	9	0	7	0	4	0	.2	0	1
73 74 75	0	9	0	7 7 7 7 7 7 7 7	010	4	0	2	0	1
76 77 . 78	0	9	0	7		4	0	2	0	1
77	0	10	0	7	0	5	0	2	0	1
. 78	0	10	0	7	0	5	0	2	0	I
79 80	0	10	0	7	0	5	0		0	I
	0	10	0	7	0	5	0	2	0	1
18	0	10	0	7 8	0	5	0	2	0	I
82	0	10	0	8	0	5	0	2	0	r
83	10	10	0	8	0	5.	0	2	0	T
84	0	II	0	8	0	5	0	2	0	1
81 82 83 84 85	0	11	0 0	8	0	5	0	2	0	ľ
8.6	0	II		8	0	5	0	2	0	ľ
87 88	0	II	0	8	0	5	0	2	0	I.
88	0	II	0	8	0	55 5555 555555	0	2	0	Į;
89	0	II	0	8	0	5	0	2	0	I
90	0	II	0	8	0	5	.0	2	0	E
91	0	11	0	8	0	5	0	2	0	1

To find what Interest is made per Cent. per Annum of any Purchase, the Rule is,

As the Price paid,

Is to 100:

So is the yearly Dividend, To the yearly Interest for 100 l.

Or in other Words:

Divide the yearly Dividend, by the Price placed decimally, the Quotient will be the Anfwer.

Example I.

What Interest is made per Cent. per Annum by paying 81 l. for an Annuity of 3 l. per Annum?

.81) 3.00 (31. 14s. Answer

II. What Interest is made per Cent. per Annum, by paying 104 l. for 3 l. 10 s. per Annum

Answer 1.04) 3.50 (31.75.3d.

38 as in the following Tables.

20

760
32

384

2 3

3 18 74 9 10 5 12

88 3 8

89 3. 7

4 10 10 5 13

				L	-9		,					
Price	I	Divi	d.		Divi	d.	I	Divid	1.	I	Divid	ł.
Trice	3	per	Ct.	3 1/2	per	Ct.		per	Ct.	5	per	Ct.
	3.	5.	d.	1.	s.	d.	1.	5.	d.	1.	5.	d.
90	3	6	8	3	17	9	4	8	10	5	LI	ī
91	3	5	11	3	16	II	4	76	10	5	9	10
92	3	5	2	3	16	1	4	6	11	5		8
93	3	4	6	3	15	3	4	6	0	5	7	6
94	3	3	9	3	14	5	4	5	1	5	6	4
95 96	3	3	I	3	13	8	4	4	2	5	5	3
96	3	2	6	3	I 2	II	4	3	4	5	4	2
97 98 99	3	I	10	3	12	I	4	2	4 5 7	5	3	I
98	3	I	2	3	11	5	4	I	7	5	2	0
99	3	0	7	3	10	8	4	0	9	5	1	0
100	3	0	0	3	10	0	4	0	0	5	0	0
101	2	19	4	3	9	3	3	19	2	4	19	0
102	2	18	9	3		7	3	18	5	4		0
103	2	18	3	3	7	11	3	17		4	17	1
104	2	17		3 3	7	8	3	16	11	4	16	1
105	2	17	I	3	6		3	16	2	4	15	2
106	2	16	7	3	6	0	3	15	5	4	14	4
107	2	16	6	3 3	5	5	3	14	9	4	13	5
108	2	15		3	4	9	3	14	0	4	12	7
109	2	15	0	3	4	2	3	13	4	4	11	
110	2	14	6	3	3	7		12	8	4	10	10
111	2	14	0	3	3 2	0	3	12	0	4	10	I.
112	2	13	6	3		6	3	11	5	4	9	3
113	2	13	1	3	I	11	3	10	9	4		5
114	2	12	7	3	I	4	3	10	2	4	7	_
115	2	12	2	3	0	10	3	9	6	4	6	11
	2	11	8	3	0	4	3	8	II	4	6	2:
117	2	11	3	2	19	9	3	8	4	4	5	5
118	2	10	10	2	19	3	3	7	9	4	4	0
119	12	10	- 5	12.	10	9	3	7	2	14	. 4	0

[199]

200	D	ivid		D	ivid		ľ	ivid		r	Divid	ŧ.
Price			Ct.			Ct.	6 1	ber (Ct.	7 1	ber	Ct.
-	1.	5.	d.	1.	5.		1.	5.	d.	1.	5.	d.
120	4	3	4		11	8	5	0	0	5	16	8
121	4	2	7	4	10	10	4	19	2	5	15	8
122	4	1	11	4	10	1	4	18	4	5	14	9
123	4	1	3	4	9	5	4	17	6	5	13	9
124	4	0		4	9	5 8	4	16	9	5	12	10
125	4	0	7	4	8	0	4	16	0	5	12	0
126	3	19		4	7	3	4	15	2	5	ΙI	I
127	3	19	4 8	4	6	7	4	14	5	5	10	2:
128	3	18	1	4	5	11	4	13	9	5	9	4
129	3	17	6	4	5	3	4	13	0	5		6.
130	3	16	11	4	4	7	4	12	3	5	7	8
131	3	16	4	4	3	11	4	II	7	5	6	10,
132	3	15	9	4	3	4	4	10	10	5	6	0
133	3	15	2	4	2	8	4	10	2	5	5	3,
134	3	14	7	4	2	1	4	9	6	5	4	<u>5</u>
135	3	14	0	4	I	5	4	8	10	5 5 5	3 2	8:
136	3	13	6	4	0			8	2	15		11
137	3	12	11	4	0	3	4	7 6	7	5	2	2:
138	3	12	5	3	19		4	6	11		I	5
1:39	3	II	11	3	19	1	4		3	5	0	-
140	3	11	5	3	18	6		5	8	5	0	0
141	3	10	11	13	18	0			1	4	19	3.
142	3	10	5	3	17	5			6		18	7
143	3	9	11	3	16	11	4		IC	١.		
144	3	9	_5	3		4	100	-	4	36	-	
145	3	8	11	1.3	15	10	1 -		9	4		
146		8	5	3	15	4			2	-		10
1:47	3	8	0	3	14	9			7			2
148	3	7	6	3	14	3	14		6			
149	13	7	1	. 3	113	9	14	. 0	(514	1 13	II

[200]

	4 1 2 2											
Dia	Divid.			Divi	d.		Divi	d.	Divid.			
Price	ш,		·Ct.	١.	per	Ct.	7			8	per	
	52	_	-	1.	_	d.	1.	_	-	7.	<u> </u>	d.
100		5.	d	t	s.		F	5.	d.		6:	8
150	3	13	4	4	0	0	4	13	4	5		
151	3	I 2.	10	3	1.9	5	4	12	8	5	5	II
152	3	12	4	3	18	1.1	4	12	I	5	5	3
153	3	II	1.0	3	18	5	4	11	6	5	4	
154	3	II	5	3	17	11	4	10	10	5_	3	10
155	3	10	I.I	3	17	5	4	10	3	5	3	2
156	3	10	6	3	16	11	4	9	8	5	2.	6
157	3	10	0	3	16	- 5	4		2	5	1	10
158	3	9	7	3	1.5	11	4	9	7	5	1	3
158	3	9	9	3	15	0	4	7	7	5	0	0
162	3	7	10	3	14	0	4	6	5	4	18	0
164	3		0	3	13	2	4	5	4	4	17	9
166	3	7	3	2	12	3	4.	4	4	4	16.	4
168	3			3 3	11	5	4	3	4	4	15	2
170	3	5	8	7	10	7	4	2	4	4	14	I
-	-								_		_	
172	3	3	11	3	9	9	4	,1	4	4	13	0
174	3	3	2	3	8	II	4	0	5	4	11.	11
176	3	2	6	3	8	2	3	19		4	10	10
178	3	1	9	3	7	4	3	18	7	4	9.	10
180	3	1	1	3	6	8	3	17	9	4	8 .	10
182	3	0	5	3 3	5	11		16	11	4	7	11
184	2	19	9		5	6	3	16	1	4	6	11
186	2	19	1	3 3 3	4	6	3	1.5	3	4	6	0
188	2	18	6.		3	9	3	14	5	4	5	I
190	2	17	10	3	3	1	3	13	8	4	4	2
192	2	17	3	3	2	6	3	12.	11	4	3	4
194	2	16	3	3	1	10	3	12	1	4	2	
196	2	16	1	3	I	2	3	11		4	1	5
198	2	15	6	3	0	7	3	10	5	4	0	9
200	2	15	0	13	0	70	3	10	0	4	. 0	0

TABLES

OF

Brokerage and Commission,

With their Use.

EXAMPLE.

WHAT does the Brokerage come to, of 5000 L Stock fold, allowing to per

RULE.

Look in the Tables of Brokerage and Commission, and against 5000 l. in the Column of per Cent. is 6 l. 5 s. the Answer required.

EXAMPLE II.

What comes the Commission to, of a Sale of Goods for 10,000 l. the Factor being allowed 2 \frac{1}{2} per Cent.?

RULE.

Against 10,000 l. in the Column of $2^{\frac{1}{2}}$ per-Cent. is 250 l. the Answer required.

N. B. The Brokerage, or Commission, of any Quantity of Stock or Goods fold, at 3, 4, 5, or 6 per Cent. is the same with the Interest of any such Sum of Money put out for one Year.

[202]

	8				
Value of		8		4	per cent.
Stock or			-	-	
Goods fold	1.	15. d.	1 f.	1.	1s. 1 d. 1f-
1			[,]	-	- 2
2			2		- 1
3			3		1 1 1
4		_ 1	13		1 3 2 1
5	*	_ i	2		1 1 1
4 5 6					3 2 z
		1 1	3		3 2
7 8		2			- 4
		- 2	1		- 4 3
9		- 2	2		_ 5 I
10		3 6		-	
20				-	I
30		- 9	1 1	-	1 6
40		1 -		-	2 -
50		1 3 2 6			2. 6
100		2 6		-	- 5 -
200		5			10 -
300		7 6			15 -
400		10 -		1	- -
500		12 6		I	5
1,000	I	5 -		2	10
2,000	2	10 -	1	- 5	
3,000	3	15 -		7	10 -
4,000	5			10	
5,000	6	5 -		12	10 -
10,000	12	10		2:5	
20,000	25			50	
30,000	37	10 -		75	
40,000	50			- 100	
50,000	62	10 -		- 125	
100,000	- 125			- 250	
	- 125			2,0	
			1		4

[203]

Value of Stock or	1/2		1 3/4	per cent.
Goods fold				
20002 1010	1. s	. d. f.	1 1.	s. d. f.
I		- 1		- 1 3
2		- 2 I		1 1 2
3				- 3 2 - 5 I - 7
4		$\begin{bmatrix} 3 & 2 \\ - & 4 & 3 \\ - & 6 & 3 \end{bmatrix}$	}	- 71
5		- 6		- 9
5			11-	- 10 3
		7 8 1		1 - 2
7 8		- 0 2	1	1 2 1
9		- 9 2	4.1	1 1 1
10		1 -		1 4
20		2		3 -
30		3 -	1	4 6
40		4 -	11	6 —
501		5 -		7 6
100		10-		15 -
200	T	- -	1	10 -
300	T	101-	1 2	5 -
400	2		3	- -
500	- 2	10 -	II 3	15
1,000	5		1 7	10
2,000	10		1-15	
3,000	15		-22	10 -
4,000	20		1 30	- -
5,000	25		11-37	10
10,000	50		1 - 75	- -
20,000	- 100		1 150	
30,000	- 150		1 - 225	- -
40,000	- 200		1 300	
50,000	- 250		II - 375	- -
100,000	- 500		750	- -
	1	1 1	Ħ.,	1 1 1

[204]

	J			
Value of	1	1	1 1 1	per cent-
Stock or			7	1
Goods fold	1. s.	[d. 1 f.	1.	1s. d f.
1	2.		1	
		- 2 I		3 6
2		- 4 3		
3				- 9
4		7 9 2		1 -
				1 3
5		1 1 1		1 3
7 8	1	1		1 1 / 1
		1 / 1		2 -
9				2 3 2 6
10	2	2 -		1 3
20	4	1-1		5
30		5 - 1		7 6
40	8	3 - 1		10-
50		0-1		12 6
100	1 -		1	5 -
200	2		2	10-
300	3 -		3	15 -
400	4 -	- -		
500	5 -		5	5 -
1,000	10 -		12	10-
2,000	20		25	
3,000	30	-	37	10-
4,000	40 -	-	50	
5,000	50 -	-	62	10-
10,000	- 100 -	_	- 125	
20,000	- 200 -	-	- 250	
30,000	- 300 -		- 375	
40,000	- 400 -	_	- 500	
50,000	- 500 -	-	- 625	
100,000	-1000		-1250	
,	1	1 1 11	,-	
, ,	,		1	

[205]

Value of $I_{\frac{1}{2}}$ $I_{\frac{3}{4}}$ per cer	it.
-Stock or	
Goods fold 1. s. d. f. 1. s. d.	f.
1	I
	2
3 10 3 1	44
4 - 1 2 1 - 1 4	
5	
7 - 2 1 - 2 5	I
8 2 4 3 2 9	2
9 - 2 8 1 - 3 1	3
10 3 - 3 6	
20 6 7	
30 9 10 6	
40 12 - 14 -	
50 15 - 17 6	
100 - 110 - 115	
200 - 3 - 1 - 3 10 -	
300 - 410 - 5 5 -	
400 - 6 - 1 - 7	
500 - 710 - 815 -	
1,000 - 15 - 17 10 -	
2,000 - 30 - - 35 - -	
3,000 -45 52 10 -	
4,000 60 70	
5,000 — 75 — — 87 10 —	
10,000 - 150 1-175	
30,000 - 450 525	
40,000 — 600 — 700 — 700 — 875 — —	
30,000 /30 /3	
100,000 -1500 1700	1
S	E

[206]

	8				
Value of	1	2		2 1	per cent.
Stock or					
Goods fold	1.	1s. \ d.	f.	1.	1s. d. f.
1		- 4	3		- 5 T
2			2		103
		- 9	1		
3		1 2	1	1	1 4
4		1 7			1 9 2
5	-	2 -			2 3 2 8 I
6	-	2 4	3		
7 8	-	2 9	2		3 1 3
8		3 2	I		3 7
9		3 7		-	4 - 2
10	-	4-			4 6
20		8 -		-	9 -
30		12 -			13 6
40		16 -			18 —
50	I			I	2 6
100	2			2	5 -
200	4			4	10 -
300	6		Н	6	15 -
400	- 8		Ш	9	
500	10			11	5 -
1,000	20			22	10 -
2,000	40		1	-45	
3,000	60		-	67	10-
4,000	80		11	90	
5,000	- 100		11	- II2	10
10,000	- 200			225	
20,000	- 400		11	- 450	
30,000	- ,600		11-	- 675	- -
40,000	- 800		. 11-	- 900	- -
50,000	-1000		11-	-1125	- -
100,000	-2000		11-	-2250	
1	0.1	1 1	11	. 1	,

[207]

Brokerage of Com	
Value of $2\frac{1}{2}$	2 3 per cent.
Stock or	1 1s. 1 d. 1 f.
Goods fold 1. 15. d. 1	1. s. d. f.
1 6	1 1
2 - 1 -	1 7 3
3 1 6	2 2 1
4 2 _ 6	2 9
5 2 6	3 3 2
7 3 6	3 10
8 4	4 4 3
9 - 4 6	4 11 1
10 5	5 6
20	16 6
30 15	1 2 -
40 1	176
50 - 1 5 -	2 15 -
	1 - 5 10 -
200 - 5 - 7	85-
400	11
500 12 10 -	13 15 -
1,000 25	27 10 -
2,000 50	<u></u>
3,000 75	- 110
4,000 - 100 -	- 137 10 -
5,000 - 125.	- 275
10,000 - 250 -	- 550
20,000 — 500 — —	- 825
40,000 -1000	-1100
50,000 -1250 -	1 -1375
100 000 -2500 - -	1 11-2750
100,000.	2

Value of	3	1/4	3 1/2	per Cent-
Stock or Goods fold		-		
Goods fold	1.	s. d. 1f.	Z. 1	s. d. f.
1		- 7 3		- 8.1
2		1 3 2		I. 4 3
3		1111		2 I
4				2 9 2
7	0.1			3 6
5		3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3		
	-			4 2 I
7 8		4 6 2		4 10 3
		5 2 1	-	5 7 6 3 2
9		4 6 2 5 2 1 5 10 6 6		6 3 2
10		6 6		7 -
20	1			14 -
30		6 -	I	1 -
40			I	8 —
50	I I	12 6	I	15 -
100	- 3	5 -	3	10 -
200		10-	7	
300	- 9	15 -	-10	10 -
400	13		14	_ _
500	-16	5 -	17	10 -
3,000		10-	35	_ _
2,000	65		70	
3,000	97	10-	- 105	
4,000	- 130	- -	- 140	
5,000	- 162	10-	- 175	_ _
10,000	- 325		- 350	
20,000	- 650		- 700	
30,000	- 975		-1050	
40,000	-1300-		-1400	_ _
50,000	-1625 -		-1750	
100,000			-3500	
00,000	3-75	1 1	1 33001	1 1

[209]

0.	5	٠.						
Value of		3 3/4			4 4	per	Ce	nt.
Steck or				-				-
Goods fold	1.	5.	d. 1	f.	1.	15.	d.	if.
I						-	10	1
2.			9					
		1	_			I	_8	I
3		2	3			2	6	2
4		3				3	4	3.
5		3	0			4	3	
6		4	9			5	H	
7		7)		K:
8		5	3			5	II	
			-			1	9	2
9		6	9			7	7 6	3
10		7	6			8	6	
20		15		Н	-	17	_	
30	I	2	6		I	5	6	
40	I	10			1	14		
50	I	17	6		2	2	6	
100	3	15			4	5		
200	7	10	-		8	10		
300	II	5	-		12	15		
400	15	-	_		17	-	_	
500	18	15	-		21	5		
1,000	37	IO	_		-42	10		
2,000	75	-	-	-11	85	-		-
3,000	- I12	10	-		- 127	10		
4,000	- 150			-	- 170	-		
5,000	- 187	10	-	- 11	- 212	10		•
10,000	- 375	-	-		- 425			
20,000	- 750	-	-		- 850	-	_	4
30,000	-1125		-		1275	-	-	
40,000	-1500	-	-	1	-1700	-		
50,000	-1875	-	-		-2125			
100,000	-3750	-	-		-4250	-	-	7

[210]

Value Stock	of or	4	<u>I</u>			4 ³ / ₄ F	er Cent.	
Goods	fold	1. 1	5.	d. 1	f.	I. 1	s. d. f.	
	1		- 1	10			- 1111	
	2	1	1	- 1	3		1 10 3	
	3		2	9	I		2 10	
	4		_	- 1	1			
			3	7			3 9 2	
	5		4				4 9 1 5 8 1	
			5	4	3			
	7 8		_	3				
	1		7	2	I	1.	7 7 8 6 2	
	9			1				
	10		9				9 6	
	20		18	_			8 6	
	30		7			I		
	40	I	16			1	18 -	
	50	2	5			2	7 6	
	100	4	10			- 4	15 -	
	200	9	-	-		- 9	10	
	300	13	10	-		14	5 -	
	400	18	-	-		19		
	500	22	10	-		23	15 -	
	,000	45	-	-	1	1-47	10 -	
	,000	90		-		95		
	,000	- 135	-	-		142.	10 -	
	,000	- 180	-	-		190		
-	,000	- 225	-	-		- 237	10	
10	,000	- 450	-			II 475		
20	,000	- 900	-	-		- 950		
30	,000		-	-		-1425		
40	,000	-1800	-	-		-1900		
50	,000	-2250	-	-		-2375		
100	,000	-4500	-	-	1	1-4750	- -	

[212]

HOLIDAYS kept at the following Publick Offices.

		1	· co	. 171	0	ca
D	TT U.	Exch	ta	×	Cufto	S
Days.	Holidays	Þ	Stamp.	Excife	to	
			Ŀ			H.
traced model women	0	1			1	
> (1	Circumcifion		kept	kept		kept
1 6	Epiphany	ditto	ditto	ditto	ditto	ditto
January 6	St Paul			ditto	ditto	ditto
- C 30	K. Cha. I. Mart.	ditto	ditto	ditto	ditto	ditto
-	D 'C 77 34	7	1	line	1:44.	Ties.
m [2	Purif. V. Mary	ditto	ditto	ditto	ditto	ditto
nar.	Shrove Tuefday	ditto	ditto	ditto	1	ditto
5	Ash Wednesday	ditto	ditto	ditto	ditto	ditto
February 4	Valentine	ditto		ditto	2000	ditto .
24	St Matthias	ditto	ditto	ditto	ditto	dicto
	Ca Danil	12.	1'	3:44-	ditto	1:
L I	St David	ditto	ditto	ditto		ditto
_ f	Good Friday	ditto	ditto	ditto	ditto	ditto
25	Lady Day	ditto	ditto	ditto	ditto	ditto
March 25	Easter Monday	ditto	ditto	ditto	ditto	ditto
-	Tuefday	ditto	ditto	ditto	ditto	ditto
Ŀ	Wednesday	ditto	ditto	ditto	ditto	ditto
	St Mark				1:	
± € 25 ¥ 26		-	ditto		ditto	ditto
₹ 620	D. Cumberl. born	ditto	ditto	ditto	ditto	ditto
	Ca Dhiftin o f.	12	1:	3:000	3:44	11
C I	St Philip & Jac.	ditto	ditto	ditto	ditto	ditto
. 1	Ascension Day	ditto	ditto	ditto	ditto	ditto
\\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\ \\	Whit. Monday		ditto	ditto	ditto	ditto
2	Tuefday		ditto	ditto	ditto	ditto
	Wednesday	ditto	ditto	ditto		ditto
L29	K. Ch. II. Reft.	ditto	ditto	ditto	ditto	ditto
-	D: 1571		1			
- 4	Prince Wales born	ditto	ditto	ditto	ditto	ditto-
10	Pr. Am. born.	ditto	ditto	ditto	ditto	ditto
0 111	St Barnabas	ditto	ditto	ditto	ditto	ditto
22 24		ditto	ditto	ditto	ditto	ditto
		ditto		ditto	ditto	d tto
26	K. Geo. II. proc.		ditto		ditto	ditto
29	St Peter & Paul	ditto	ditto	ditto	ditto	ditto
		3				

N. B. The Bank keeps the same Holidays as the South-South-House,

[213]

HOLIDAYS continued.

Days.	Holidays	Exch.	Stamp.	Excife	Cufto.	S. S. H.
£ 15 25 −	St Swithin St James	kept ditto	kept	kept ditto	kept	kept
Auguft 24	Lammas Day St Bartholomew	ditto ditto	ditto	ditto ditto	ditto ditto	ditto ditto
September 5 14 21 29	London burnt Holy Rood St Matthew St Michael	ditto ditto ditto ditto	ditto ditto ditto ditto		ditto ditto ditto ditto	ditto ditto ditto ditto
October 28	St Luke K. Geo.II. crown. St Sim. & St Jude	ditto ditto ditto	ditto ditto ditto	ditto ditto ditto	ditto ditto ditto	ditto ditto ditto
November 5 2 8 3 0 1 2 8 3 0	All Saints All Souls Powder Plot Lord Mayor's Day K. Geo. II. born K. William born Qu. Eliz. Accef. Pris Wales born		ditto ditto ditto ditto ditto ditto ditto ditto	ditto ditto ditto	ditto ditto ditto ditto ditto ditto ditto ditto	ditto ditto ditto ditto ditto ditto ditto ditto
December 21 25 25 25 25 25 25 25 25 25 25 25 25 25	St Thomas Christmas Day St Stephen St John Innocents	ditto ditto	ditto ditto ditto ditto ditto		ditto ditto ditto ditto ditto	ditto ditto ditto ditto ditto

A Table of the Beginning of each Reign from the Conquest: And of each Year of the several Reigns since Queen Elizabeth N. B. The Years before 31 Dec. 1751, begin 25 March. The Years 1752, and all following, on 1 Jan.

William 1 — Oct. 14. 1066 12 — 1569 William 2-Sept. 9. 1087 13 -1570 I - Aug. 2. 1100 14 -1571 Stephen - Dec. 2. 1135 15 -1572 Henry 2 - Oft. 25. 1154 16 -Richard 1 - July 6. 1189 17 -1574 ohn - Apr. 6. 1190 18 -1575 Henry 3 - Oct. 18. 1216/19 -1576 Edward 1 - Nov. 20, 1272 20 -1577 Edward 2 — July 7. 1307 21 — Edward 3 — Jan. 22. 1326 22 — 1578 1579 2 - June 21. 1377 23 -Richard 1580 4 - Sept. 30. 1399 24 -Henry 1581 - Mar. 20. 1412 25 -Henry 1582 6 - Aug. 31. 1422 26 -Henry 1583 4 — Mar. 4. 1460 27 — 5 — Apr. 9. 1483 28 — Edward 1,584 Edward 5 1585 3 - June 18. 1483 29 -Richard 1586 Henry 7 - Aug. 22. 1485 30 -1587 8 - Apr. 22. 1509 31 -1588 Henry Edward 6. — Jan. 28. 1546 32 — 1589 July 6. 1553 33 Mary 1590 34 -1591 Elizabeth, 16 1563 35 -.1592 Nov. 17. 1558 1564 36 -1593 Y. 1559 8 156: 37 -1594 1566 38 -1560 9 1595 1567 39 — 1568 40 ÷ 1561 10 1596 1562 11 1597

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1030/16
                                        1603
          1598
                6
41
                                        1664
                          1631 17
          1599
42
                                        1665
          1600
                          1632
                               18
                                        1666
                         1633 19
          1601
                9
44
                         1634 20
                                        1667
          1602/10
45
                                        1668
               II
                         1635 21
   lames
                         1636 22
                                        1669
Mar. 24.
          1602 12
                         1637
                                        1670
     Y.
          1603 13
                               23
                                        1671
                          1638
                               24
          1604 14
 3
                                        1672
          1605 15
                          1639 25
 4
          1606 16
                         1640 26
                                        1673
 5
          1607 17
                         1641 27
                                        1674
                                        1675
          1608 18
                         1642 28
          1600/19
                         1643 29
                                        1676
                                        1677
          1610/20
                         1644
                               30
 9
                                        1678
          1611/21
                         1645
                               31
10
                                        1679
          161222
                         1646 32
II
                         1647
                                        1680
          1613 23
                               33
12
                    Y.
                          1648 34
                                        1681
          1614 24
13
                  Charles
                                        1682
                               35
14
                               36
                                        1683
          1616 Jan.
                     30.
                         1648
15
          1617
                                        1684
                    Y.
                          1640
                               137
          1618
                 3
                          1650
                                  Tames
                                        2.
.17
          1619
                          16; 1 Feb. 6.
                                        1684
                4
          1620
                          1652
                                2 Y.
                                        1685
19
                 5
                                        1686
          1621
                          1653
                                3
20
          1622
                          1654
                                        1687
                                4 ---
2 I
                8
                                        1688
          1623
                          1655
                                  Y.
                                 William 3.
                          1656
          1624
                9
23
                          1657
                                & Mary 2.
  Charles
          I.
                10
                                Feb. 13.
          1625
                          1658
                          1659
                                        1688
          1626/12
                                 IY.
                                        1689
          1627
                          1660
                                 2
          1628 14
                          1661
                                3
                                        1690
                          1662
                                4 ---
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          1629 15
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c Y.	16921 6	-	1719 21	oth Y. 17521
5 1.	1693 7	-	1720	June 22.
(From 2	3 Dec. 8	_	1721 2	
(From 2	Dec. o	-	1722 2	
1694, V	Villiam 9			1755
alone).	10	_	1723 2	
7 Y.	1694 11	-	17243	
8 -	1695 12			1 - 1757
9 -	1696 13	Y.	7726	
10 -	1697	George	e 2.	
	1698	June	II.	
11 -		7.7	1727	LONG
12 -	//		17.28	
13 -	1700 2			
14 Y.	7701 3		1729	- 10
	ne. 4		1730	T T 77 T2
Mar	. 8.	-	1731	LIVE
I Y.	1701 6	_	1732	
2 -	1702 7		1733	
	1703 8		1734	0
3 -	1704 9		1735	THE
4 -	1705 10		1736	
6 -			1737	1 - 11
	1706 11	1	1738	
7 -	1707 12			KING!
18 -	1708 1		1739	KING.
9 -	1709 14	+ -	1740	
10 -	17101	; -	1741	-
111 -	171111	5 —	1742	1 - 196
12 -	1712	7 —	1743	
13 Y.	,	-	1744	
1 - 3	rge I. I		1745	
	0	-	1746	
77	5		1747	
1 Y				
2 -	17152		1748	
3 -	1716 2		1749	
	- 1717 2	4 -	1750	
1 4 -	- 1718 2	5 -	1751	
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