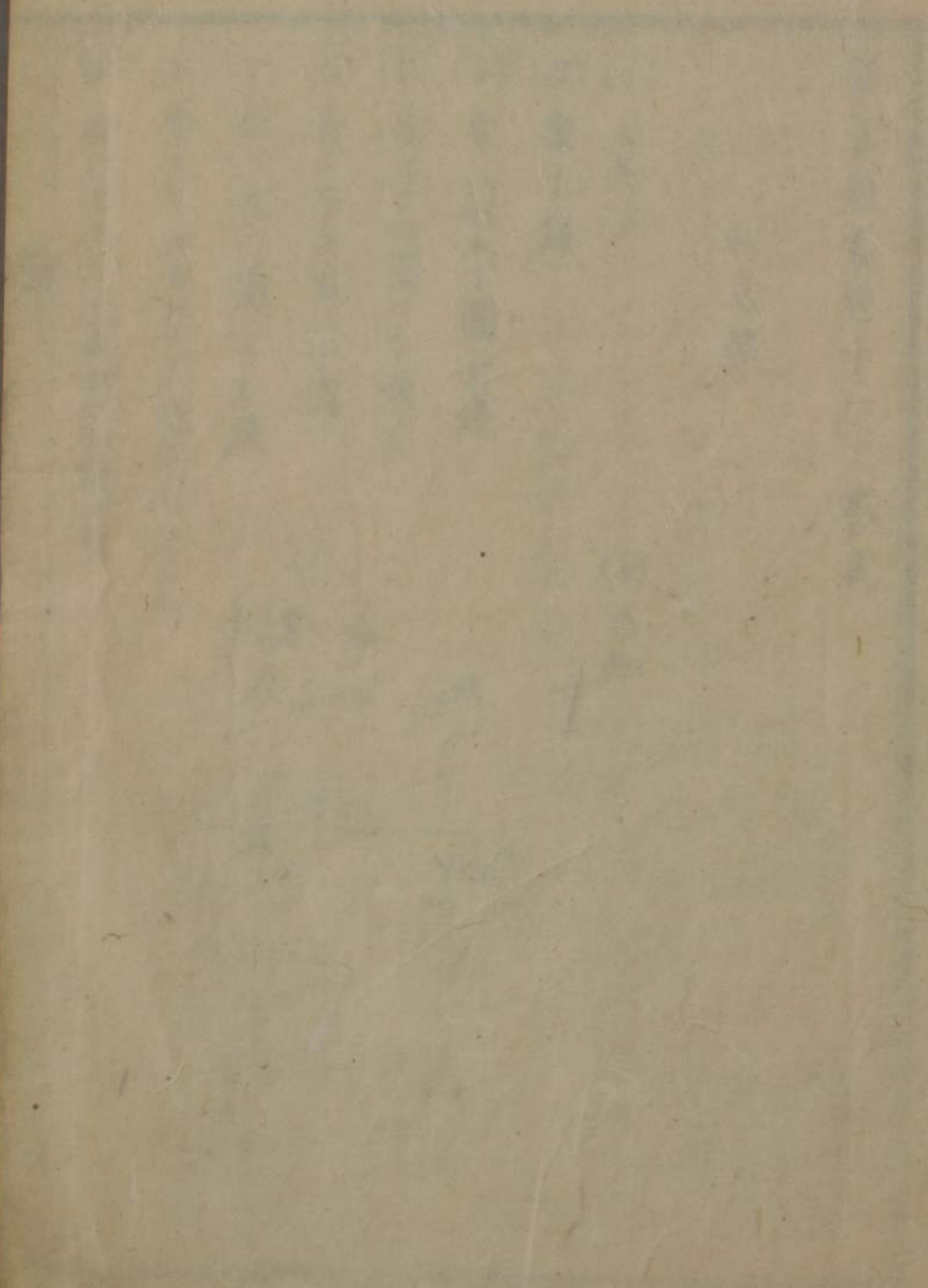


筆算題叢答式 未十下

4199
= 2



1138



門二
號 4199
卷



筆算題叢卷十一 下答式

利息算

- (7) 已知
- (3) 金十錢
- (4) 金八百八十圓二十錢
- (5) 金二十四圓三十錢
- (6) 金一千六百八十圓
- (7) 金二百六圓二十五錢
- (8) 金九千九百三十六圓五厘
- (9) 金八百九十八圓五十四錢三厘

(2) 已知

(3)

$$\begin{cases} 2\frac{1}{3}\% = \frac{1}{30} \\ 1\frac{1}{4} \times \frac{1}{30} \times 3 \text{年} = .10 \text{錢} \end{cases}$$

(6)

或	1400 ^兩
$.08 \times 2.5 = .2$	$.08 \times 208 = 16.64$
$14.2 = 1.2$	$172 \times \frac{1}{2} = 86$
$1400兩$	56
1.2	224
280	280
14	1400
1680	1680

昭和三十九年
五月三日
長男友太郎
代寄贈
田村善吉

(78) 貸入る當日より返金の日迄を計算
 なる貸入る當日即三日の内に一日
 減二十五百三十二年四月二日迄に
 算を以て借書あるは之に依りて

$$\begin{array}{r} 2537 \text{年} 4 \text{月} 2 \text{日} \\ 2532 \text{年} 4 \text{月} 2 \text{日} \\ \hline 5 \text{年} 0 \text{月} 0 \text{日} \end{array}$$

$$5 \frac{3}{4} \% = .0575$$

$$8250^{\text{圓}} \times .0575 \times 5^{\text{年}}$$

$$= 2377.875$$

$$\begin{array}{r} 8250 \\ \hline 10627.875 \end{array}$$

(14)

$$\begin{cases} 3 \text{年} 3 \text{月} - 3 \text{年} \frac{1}{4} \\ 660^{\text{圓}} \times .05 \times \frac{23}{4} \\ \hline = 707.25 \\ 660 \\ \hline 767.25 \end{cases}$$

(19)

$$\begin{array}{r} 7866 \text{年} 7 \text{月} 7 \text{日} \\ 7865 \text{年} 7 \text{月} 7 \text{日} \\ \hline 7 \text{年} 0 \text{月} 0 \text{日} \end{array}$$

$$900^{\text{圓}} \times 1.08 = 975^{\text{圓}}$$

(75)

$$\begin{cases} 60^{\text{圓}} \times .07 \times 3^{\text{年}} \\ \hline = 12.815 \end{cases}$$

(20)

$$\begin{cases} 9 \text{月} - 2 \text{月} = 7 \text{月} & 9 \text{月} - 4 \text{月} = 5 \text{月} \\ 450^{\text{圓}} \times .002 \times 7^{\text{月}} = 6.30 \\ 575 \times .002 \times 5 = 5.75 \\ \hline .55 \end{cases}$$

(16)

$$\begin{cases} \frac{2}{4} \% = .0075 \\ .0075 \times 2^{\text{年}} = .015 \\ 12198.75 \times 1.015 \\ \hline = 12387.737 \end{cases}$$

(17)

$$600^{\text{圓}} \times .005 \times 3^{\text{年}} = 9^{\text{圓}}$$

- (20) 甲所得金五十五錢
- (19) 金九百七十二圓
- (78) 金二万六千二百二十圓八十七錢五厘
- (77) 金九圓
- (76) 金二万二千三百八十一圓七十三錢二厘
- (75) 金一圓八十一錢五厘
- (74) 金七百六十七圓二十五錢
- (73) 金九百二十六圓六十錢
- (72) 金八百五圓
- (71) 金一万一千六百四十三圓七十七錢五厘
- (10) 金七千八百二十八圓三錢九厘

(12)

$$\begin{cases} 2 \text{年} 6 \text{月} = 2.5 \\ 700^{\text{圓}} \times .06 \times 2.5 = 105^{\text{圓}} \\ \hline \frac{700}{805} \end{cases}$$

(10)

$$\begin{cases} 69582.57^{\text{圓}} \times .05 \times 2 \frac{1}{4}^{\text{年}} \\ \hline = 7828.039 \end{cases}$$

(13)

$$\begin{cases} 4 \text{年} 4 \text{月} - 4 \text{年} \frac{1}{3} \\ \frac{73}{3} \times .03 = 7.3 \\ 820 \times 1.73 = 926.60 \end{cases}$$

(11)

$$\begin{cases} 4 \frac{2}{3} \% = \frac{14}{300} \\ 9812.17^{\text{圓}} \times \frac{14}{300} \times 4^{\text{年}} \\ \hline = 1837.605 \\ 9812.17 \\ \hline 11649.775 \end{cases}$$

(28) $1^{\text{年}} = 18^{\text{月}} = 2 = .063$
 $1^{\text{年}} = 6 = .0023$
 $1^{\text{年}} = 6 = .0673$
 $49^{\text{月}} = 37 \times 0.673 = 25.32$

(29)
 $7^{\text{月}} = 2 = .035$
 $9^{\text{月}} = 6 = .0073$
 $9^{\text{月}} = 6 = .0365$
 $37^{\text{月}} = 13 \times 1.0365 = 343.581$

(30)
 $4^{\text{年}} = 3 = 5^{\text{月}} = 2 = 235$
 $7^{\text{月}} = 0 = 007 \frac{1}{6}$
 $256 \frac{1}{6}$
 597.03
 $7256 \frac{1}{6}$
 $9850 \frac{3}{6}$
 $354678 \frac{6}{6}$
 295575
 178206
 59703
 $742.43278 \frac{1}{2}$

(31) 金二百圓五十錢

(32) 金八十九圓九十七錢

(33) 金八十九圓九十七錢

(34) 金十二圓五十四錢

(35) 金四百二十八圓四十一錢三厘

(36) 金五十一圓八十九錢二厘

(37) 金一百圓五十錢

(38) 金一百圓五十錢

(39) 金一百圓五十錢

(40) 金一百圓五十錢

(41) 金一百圓五十錢

(42) 金一百圓五十錢

(27) 利息合計金五百六十圓十七錢八厘

(28) 金一百五十三圓十二錢五厘

(29) 金四十五圓

(30) 金二百三十二圓

(31) 金二百三十五圓

(32) 已知

(33) 已知

(34) 金三圓三十三錢三厘

(35) 金三百五十三圓五十八錢一厘

(36) 金七百四十二圓四十三錢三厘

(37) 金二十六錢三厘

(21)
 $4^{\text{年}} = 2^{\text{月}} = 4^{\text{年}} = \frac{1}{6}$
 $68.40 \times \frac{73}{300} \times \frac{25}{6} = 12.35$
 $6^{\text{年}} = 3^{\text{月}} = 6^{\text{年}} = \frac{1}{4}$
 $772 \times .05 \times \frac{25}{4} = 222.50$
 $7^{\text{年}} = 6^{\text{月}} = 7^{\text{年}} = \frac{1}{2}$
 $2688.88 \times .065 \times \frac{3}{2} = 262.7658$
 $7263.25 \times .07 \times 5 = 63.7625$
 560.178

(22)
 $1877^{\text{年}} = 3^{\text{月}} = 1$
 $1875^{\text{年}} = 2^{\text{月}} = 7$
 $270 = 2 \frac{1}{72}$
 $1050^{\text{月}} \times .07 \times \frac{25}{72}$
 $= 153.725$

(23)
 $3^{\text{年}} = 2^{\text{月}} = 3^{\text{年}} = \frac{1}{6}$
 $.06 \times \frac{79}{6} = .79$
 $500^{\text{月}} \times 1.79 = 595^{\text{月}}$
 550
 45

算算題卷下下各式

(37) $7^{\text{年}} 6^{\text{月}} 15^{\text{日}} = 2 = .00$
 $400 \times .09 = 36^{\text{元}}$
 $8^{\text{月}} = 2 \times .04$
 $8^{\text{月}} = 6 \times .007 \frac{2}{3}$
 $220 \times .04 \frac{1}{3} = 9.0933$

(38) $1^{\text{年}} 3^{\text{月}} 15^{\text{日}} 2 = .073$
 $20^{\text{月}} = 6 \times .003 \frac{1}{3}$
 $400 \times 20 \times .12 = 115.200$
 $115.200 \times .078 \frac{1}{3}$
 $= 90.27 = 37^{\text{元}} 12^{\text{分}}$

(39) $1^{\text{年}} 10^{\text{月}} 22^{\text{日}} 2 = .11$
 $500 \times 10 \times 6 = .00 \frac{2}{3}$
 843
 $.111 \frac{2}{3}$

(40) $973 \times 111 \frac{2}{3} = 108.873$
 $.06 \times 2 = .12$
 $25^{\text{月}} = 6 = .009 \frac{1}{6}$
 $127 \frac{1}{6}$
 $420^{\text{元}} \times 12 \frac{1}{6} = 840.00$
 19.973

(41) $36^{\text{元}}$
 9.0933
 83.5237
 3.935
 132.552

(38) 金二千二百七圓八十錢六厘
 (39) 金八百八十九圓九十三錢四厘
 (40) 金二十圓六十錢八厘
 (41) 金三十圓九十五錢二厘
 (42) 金七十一圓
 (43) 金二千七百七十圓
 (44) 三十元
 (45) 九十一元四錢八
 (46) 甲所得金十九圓四十七錢五厘
 (47) 利息合計金百三十二圓五十五錢二厘
 (48) 已印

(41) $12^{\text{月}} 2^{\text{日}} = 14^{\text{月}} 12^{\text{日}} 8^{\text{月}} 3^{\text{日}}$
 $\frac{9}{5} \frac{0}{72} \frac{4}{8} \frac{18}{15}$
 $\frac{3}{8} \frac{15}{27}$
 8.27
 $8 \div 2 = .04$
 $27^{\text{月}} = 6 = .0045$
 $.0445$
 $778^{\text{元}} \times .0445 = 31.951$

(40) $3^{\text{年}} 5^{\text{月}} = 41^{\text{月}}$
 $41^{\text{月}} = 2 = .205 \frac{4}{6}$
 $22^{\text{月}} = 6 = .003 \frac{2}{3}$
 $.208 \frac{2}{3}$
 98.76
 $.208 \frac{2}{3}$
 $3) 197.52$
 65.84
 79.008
 197.520
 206.0792

<p>(77)</p> $\begin{aligned} 1^{\text{年}} 7^{\text{月}} &= 79^{\text{月}} \div 2 = 0.95 \\ 13^{\text{日}} &\div 6 = .002 \frac{1}{6} \\ &\quad .097 \frac{1}{6} \\ 194^{\text{元}} \times .097 \frac{1}{6} &= 18.860 \\ 18.860 \div 6 &= 3.143 \\ &\quad 22.003 \end{aligned}$	<p>(74) (73) (72) (71) (70)</p> <p>金 四十九圓八十六錢二厘 金 一十圓十七錢六厘 金 二百六十七圓九十一錢三厘 金 二十二圓三厘 金 七十五錢二厘</p>
<p>(72)</p> $\begin{aligned} 5^{\text{年}} 9^{\text{月}} &= 69^{\text{月}} \div 2 = .345 \\ 21^{\text{日}} &\div 6 = .0035 \\ &\quad .3485 \\ 321.27 \times .3485 &= 111.9417 \\ 111.9417 \div 2 &= 55.9708 \\ &\quad 767.973 \end{aligned}$	<p>(69)</p> $\begin{aligned} 3^{\text{月}} &\div 2 = .015 \\ 79^{\text{日}} &\div 6 = .003 \\ &\quad .018 \\ &\quad .09 \\ 40.17 \times .09 &= 3.615 \end{aligned}$
<p>(74)</p> $\begin{aligned} 77^{\text{日}} &\div 2 = .055 \\ 29^{\text{日}} &\div 6 = .004 \frac{5}{6} \\ &\quad .059 \frac{5}{6} \\ 999.99 \times .059 \frac{5}{6} &= 59.8327 \\ 59.8327 \div 6 &= 9.9721 \\ &\quad 49.867 \end{aligned}$	<p>(70)</p> $\begin{aligned} 5^{\text{月}} &\div 2 = .025 \\ 12^{\text{日}} &\div 6 = .002 \\ &\quad .027 \\ .027 \div 4 &= .006 \frac{3}{4} \\ &\quad .020 \frac{1}{4} \\ 37.13 \times .020 \frac{1}{4} &= .752 \end{aligned}$

<p>(69) (58) (67) (64)</p> <p>金 三圓六十一錢九厘 金 一圓五十三錢三厘 已知 金 三圓六十一錢九厘</p>	<p>10.0025 80.0075 77.00275</p>	<p>(49) 7.14 (50) 3.85 (51) 10.50 (52) 6. (53) 12. (54) 18. (55) 30.50 (56) 15. (57) 15.50 (58) 0.4775 (59) 0.507375 (60) 0.740125 (61) 0.99795 (62) 1.89945 (63) 2.80395</p>
<p>(68)</p> $\begin{aligned} 16 \times 24 &= 384 \\ 2^{\text{日}} \div 6 &= .002 \\ &\quad .242 \\ 5.37 \times 242 &= 1.2995 \\ 1.2995 \div 3 &= .4331 \\ &\quad 1.733 \end{aligned}$ <p>或</p> $\begin{aligned} .242 \\ 242 : 3 &= .080 \frac{2}{3} \\ &\quad .322 \frac{2}{3} \\ 5.37 \times .322 \frac{2}{3} &= 1.733 \end{aligned}$		

(80)

$$\begin{array}{r} .06 \times 3^{\text{年}} = .18 \\ 29^{\text{日}} \div 6 = .004 \frac{5}{6} \\ \hline .784 \frac{5}{6} \end{array}$$

$$\begin{array}{r} 8260^{\text{圓}} \times .184 \frac{5}{6} = 1526.7233(2) \\ \hline 3053.4466 \\ 1526.7233 \div 12 = 127.2269 \\ \hline 3780.674 \end{array}$$

(82)

$$\begin{array}{r} 7^{\text{年}} 10^{\text{月}} = 22^{\text{日}} \div 2 = .11 \\ 10^{\text{日}} \div 6 = .001 \frac{4}{6} \\ \hline .112 \frac{2}{3} \\ 75 \times .112 \frac{2}{3} = .0837(3) \\ \hline .2577 \\ .0837 \div 3 = .0279 \\ \hline .279 \end{array}$$

(83)

$$\begin{array}{r} 8^{\text{日}} \div 2 = .04 \\ 15^{\text{日}} \div 6 = .0025 \\ \hline .0425 \\ 625 \times .0425 = 26.5625 \\ 26.5625 \div 6 = 4.4271 \\ \hline 30.99 \\ \hline 625 \\ \hline 655.99 \\ 655.99 - 540.25 = 115.74 \end{array}$$

(33) 金一百十五圓七十四錢

(82) 金二十七錢九厘

(81) 金六百九十七圓二千九錢五厘

(80) 金三千二百一十圓六十七錢四厘

(78)

$$\begin{array}{r} 32^{\text{日}} \div 6 = .005 \frac{1}{3} \\ .005 \frac{1}{3} \times \frac{2}{3} = .003 \frac{2}{9} \\ \hline .008 \frac{8}{9} \\ 2000^{\text{圓}} \times .008 \frac{8}{9} \\ \hline = 17.778 \end{array}$$

(78) 金二千三百四十八圓二十五錢

(77) 金一百五十三圓三十三錢三厘

(79) 金二百三十圓

(75)

$$\begin{array}{r} 2^{\text{年}} 70^{\text{日}} = 34^{\text{日}} \div 2 = .77 \\ 22^{\text{日}} \div 6 = .003 \frac{4}{6} \\ \hline .773 \frac{2}{3} \\ 2754.03^{\text{圓}} \times .773 \frac{2}{3} = 4782.9588(2) \\ \hline 9565.9776 \\ 4782.9588 \div 3 = 7594.3196 \\ \hline 77760.237 \end{array}$$

(76)

$$\begin{array}{r} 6^{\text{日}} \div 2 = .03 \\ 10^{\text{日}} \div 6 = .001 \frac{4}{6} \\ \hline .031 \frac{2}{3} \\ 137.50^{\text{圓}} \times .031 \frac{2}{3} = 4.3542 \\ 4.3542 \div 12 = .3628 \\ \hline 4.777 \end{array}$$

(77)

$$\begin{array}{r} 3^{\text{年}} 4^{\text{月}} = 40^{\text{日}} \div 2 = .20 \\ 12^{\text{日}} \div 6 = .002 \\ \hline .202(2) \\ \hline .404 \\ .202 \div 2 = .101 \\ \hline .505 \\ 4650^{\text{圓}} \times .505 = 2348.25 \end{array}$$

(78) 金三十五圓

(76) 金四圓七十一錢七厘

(75) 金二萬一千一百六十圓二十三錢七厘

(79) 金二百三十圓

(77) 金一千三百四十八圓二十五錢

(76) 金一百五十三圓三十三錢三厘

- (95) 金一万一千四百圓
- (94) 金六毫五絲七五三
- (93) 金八毫二絲一九二
- (92) 金十三圓八十七錢
- (91) 金九十四圓二錢七厘
- (90) 金三百三十六圓十二錢二厘
- (89) 金四十二圓
- (88) 金二十九圓五十八錢九厘
- (87) 金四圓三錢三厘
- (86) 已知
- (85) 金一百十三圓九十九錢八厘

(95)

$$\begin{array}{r} 2537 \\ 2529 \\ \hline 8 \\ 7 \times 365 = 2555 \\ \hline 273 \\ 74 \\ \hline 2784 \\ 70 \\ \hline 2774 \end{array}$$

八月ヨリ三月マテノ
日數表ニ因テ求ム

$$37500^m \times .04 = 1500^m$$

$$1500^m \times 2774^d = 4161000^m$$

$$4161000^m \div 365^d = 11400^m$$

(87)

$$700^m \times .06 = 6^m$$

244	一月ヨリ九月迄
74	日數表ニ因テ求ム
7	
259	
73	
246	

$$246^d \times 6^m = 1476^m$$

$$\frac{1476^m}{366^d} = 4.033$$

(93)

$$\begin{cases} 30\% = .3 \\ .3 \div 365^d = .00082192 \end{cases}$$

(84)

$$6^m \div 2 = .03$$

$$6^m \div 6 = .007$$

$$.037$$

$$469^m \times .031 = 14.539$$

$$14.539 \div 6 = 2.423166$$

$$79.3853$$

$$103.9676$$

$$79.8022$$

$$22.7335$$

$$79.3853$$

$$469^m \times 4 = 1876.0000$$

$$1876.0000 \div 2047.883 = 0.916$$

(84)

$$3^{\text{年}} 2^{\text{月}} = 38^{\text{日}} \div 2 = .19$$

$$469^m \times .19 = 89.11$$

$$89.11 \div 6 = 14.85166$$

$$703.9676$$

$$7^{\text{年}} \times .06 = .06$$

$$20^{\text{日}} \div 6 = .003 \frac{2}{6}$$

$$.063 \frac{7}{3}$$

$$469^m \times 0.63 \frac{7}{3} = 29.7033$$

$$29.7033 \div 3 = 9.9011$$

$$79.8022$$

$$.07 + .04 + .05 + .08 = .24$$

$$.24 \div 4 = .06$$

$$9^{\text{日}} \div 6 = .0075$$

$$469^m \times 4 = 1876^m$$

$$1876 \times .0075 = 2.814$$

$$77^{\text{日}} \div 2 = .055$$

$$79^{\text{日}} \div 6 = .003 \frac{7}{6}$$

$$.058 \frac{7}{6}$$

$$469^m \times .058 \frac{7}{6} = 27.2802$$

$$27.2802 \div 6 = 4.5467$$

$$22.7335$$

(84) 金二千四十一圓八錢三厘 增利金二圓八十一錢四厘

(105)

$$600^{\text{III}} \times .08 = 48^{\text{III}}$$

$$48^{\text{III}} \div 146^{\text{II}} = 7008^{\text{III}}$$

$$7008^{\text{III}} \div 365^{\text{II}} = 19.20^{\text{II}}$$

$$1.50 \times 34^{\text{II}} = 51.00^{\text{III}}$$

$$51.00^{\text{III}} + 19.20^{\text{II}} = 70.20^{\text{II}}$$

$$180^{\text{II}} \div 6 = 30^{\text{II}}$$

$$600^{\text{III}} \times .005 = 3^{\text{III}}$$

$$3^{\text{III}} \div 70.20^{\text{II}} = 234\%$$

三月六日ヨリ七月二十九日迄ノ日数表ニ因テ求ム
七月三十日ヨリ九月一日迄ノ日数表ニ因テ求ム
三月六日ヨリ九月一日迄ノ日数表ニ因テ求ム

(104)

$$2537^{\text{年}}$$

$$2533^{\text{年}}$$

$$276^{\text{II}} \div 79^{\text{II}} = 3.5^{\text{II}}$$

$$296^{\text{II}} \div 8^{\text{II}} = 37^{\text{II}}$$

$$288^{\text{II}}$$

$$4^{\text{年}} = 4 = 1 \dots 7$$

$$4^{\text{年}} = 48^{\text{月}} = 2 = .24$$

$$288^{\text{II}} \div 6 = .048$$

$$6) .288$$

$$.048$$

$$500^{\text{III}} \times .048 = 24^{\text{III}}$$

$$1340^{\text{III}}$$

$$500$$

$$840 \div 24^{\text{III}} = 35\%$$

三月ヨリ五月迄ノ日数表ニ因テ求ム

(108)

$$530^{\text{III}} \times .05 = 26.50^{\text{III}}$$

$$92.75^{\text{III}} \div 26.50^{\text{III}} = 3^{\text{年}}.5 = 3^{\text{年}}.6^{\text{月}}$$

(107)

$$4070^{\text{III}} \times .09 = 366.30^{\text{III}}$$

$$91.575^{\text{III}} \times 12^{\text{II}} = 3^{\text{II}}$$

$$366.30^{\text{III}}$$

- (108) 三年六個月
- (106) 已知 (107) 三個月
- (105) 二割三分四厘
- (104) 三割五分
- (103) 二分三厘十三分
- (102) 八分
- (101) 一割二分
- (100) 九分
- (99) 一分二厘七六六
- (98) 五分
- (96) 已知 (97) 已知

(99)

(101)

$$5^{\text{年}} = 60^{\text{月}} \div 2 = 300$$

$$20^{\text{月}} \div 6 = .003 \frac{2}{6}$$

$$6) .303 \frac{7}{3}$$

$$.050 \frac{5}{9}$$

$$7^{\text{年}} 9^{\text{月}} = 7 \frac{3}{4} = 7.75$$

$$4070^{\text{III}} \times 7.75 = 7722.50^{\text{III}}$$

$$91.575^{\text{III}} \div 7722.50^{\text{III}} = .012 \frac{6}{7}$$

(100)

$$6000^{\text{III}} \times .050 \frac{5}{9} = \frac{970}{3}$$

$$9640^{\text{III}}$$

$$6000$$

$$3640 \div \frac{970}{3} = 12\%$$

$$9^{\text{II}} \div 2 = .045$$

$$70^{\text{II}} \div 6 = .007 \frac{4}{6}$$

$$6) .046 \frac{2}{3}$$

$$.007 \frac{7}{9}$$

$$700^{\text{III}} \times .007 \frac{7}{9} = \frac{7}{9}$$

$$7^{\text{II}} \div \frac{7}{9} = 9\%$$

(123) 六分
 (122) 三十七年六個月
 (121) 一割
 六分卜四分
 八分卜三分
 五分
 (120) 八分
 (119) 二割
 (118) 四年二個月
 十一年一個月十日
 八年四個月

(121)

$$\begin{cases} \frac{1}{20\text{年}} = .05 = 5\% \\ \frac{1}{16\text{年}} = .06\frac{1}{4} = 6\frac{1}{4}\% \\ \frac{1}{12\text{年}} = .08\frac{1}{3} = 8\frac{1}{3}\% \\ \frac{1}{10\text{年}} = .1 = 10\% \end{cases}$$

(122)

$$\frac{3}{08} = 37\text{年} 6\text{月}$$

(123)

$$\frac{9}{150\text{年}} = .06 = 6\%$$

(118)

$$\begin{cases} \frac{1}{.07} - 100\text{月} = 8\text{年} 4\text{月} \\ .00\frac{3}{4} = .0075 \\ \frac{1}{.0075} = 133\text{月} \frac{1}{3} \\ - 11\text{年} 1\text{月} 10\text{日} \\ \frac{1}{.02} = 50\text{月} = 4\text{年} 2\text{月} \end{cases}$$

(119)

$$\frac{1}{54} = .2 = 20\%$$

(120)

$$\frac{1}{12\frac{1}{2}\text{年}} = .08 = 8\%$$

(117) 十一年一個月十日
 二十個年
 二十三年六個月十日十七分十
 十二年六個月
 三十三年四個月
 十四年三個月十二日七分六
 (116) 十六年八個月
 (114) 五個年
 (113) 一年八個月二十八日四十九分八
 (111) 十個月
 (109) 九個月十日

(117)

$$\begin{cases} \frac{1}{.07} = 14\text{年} 3\text{月} 12\frac{6}{7} \\ \frac{1}{.03} = 33\text{年} 4\text{月} \\ \frac{1}{.08} = 12\text{年} 6\text{月} \\ \frac{1}{.04\frac{1}{4}} = 23\text{年} 6\text{月} 10\frac{10}{17} \\ \frac{1}{.05} = 20\text{年} \\ \frac{1}{.09} = 11\text{年} 1\text{月} 10\text{日} \end{cases}$$

(115) 已知
 (112) 二個月
 (110) 二年六個月十日

(109)

$$\begin{cases} 700\text{月} \times .045 = 4.50\text{月} \\ \frac{3.50 \times 12}{4.50} = 9\text{月} 10\text{日} \end{cases}$$

筆算通義卷下下終

<p>(736)</p> $\left\{ \begin{array}{l} 8^{\text{月}} : 2 = .04 \\ \quad \quad \quad .02 \\ \hline 857.31 - 840.50 \\ \quad \quad \quad 1.02 \end{array} \right.$	<p>(739) (738)</p> <p>金一万五千圓 金一千一十圓</p>	<p>(737)</p> <p>元金ノ多寡ニ關ヒス悉ク 元金ノ倍數トナル故ニ元 金ヲ算スル能ハス</p>	<p>(736)</p> <p>金八百四十圓五十錢</p>
<p>(738)</p> $\left\{ \begin{array}{l} 73^{\text{月}} 15^{\text{日}} \\ 9 \quad 0 \\ \hline 4.75 \quad 4^{\text{月}} : 2 = .02 \\ \quad \quad \quad 75^{\text{日}} : 6 = .0225 \\ \quad \quad \quad \quad \quad .0225 \\ \quad \quad \quad .0225 \times \frac{2}{3} = .0150 \\ \quad \quad \quad \quad \quad \quad .0375 \\ \hline 1047.875 = 1010^{\text{圓}} \\ \quad \quad \quad 1.0375 \end{array} \right.$	<p>(734)</p> $\left\{ \begin{array}{l} 1^{\text{年}} 8^{\text{月}} = 20^{\text{月}} = 2 \\ \hline \frac{55^{\text{圓}}}{1.1} = 50^{\text{圓}} \end{array} \right.$	<p>(735)</p> $\left\{ \begin{array}{l} 60^{\text{日}} : 6 = .01 \\ \hline \frac{12120^{\text{圓}}}{1.01} = 12000^{\text{圓}} \end{array} \right.$	
<p>(739)</p> $\left\{ \begin{array}{l} 7^{\text{月}} 21^{\text{日}} .005 \times 12 = .06 \\ 2 \quad 0 \\ \hline 5.21 \quad 5^{\text{月}} : 2 = .025 \\ \quad \quad \quad 21^{\text{日}} : 6 = .0035 \\ \quad \quad \quad \quad \quad .0285 \\ \hline 15427.50 = 15000^{\text{圓}} \\ \quad \quad \quad 1.0285 \end{array} \right.$			

<p>(735) (734) (733) (732) (731) (730) (729) (728) (727) (726) (724)</p> <p>金一万二千圓 金五十圓 金五十圓 金八千圓 金一百十圓 金八十二圓六十錢 金四百二十圓 金一百圓 金五百二十圓 金四百七圓 已知</p>	<p>(725) 已知</p>
<p>(730)</p> $\left\{ \begin{array}{l} 30^{\text{日}} : 6 = .005 \\ \hline \frac{47.3^{\text{圓}}}{.005} = 82.60^{\text{圓}} \end{array} \right.$	<p>(726)</p> $\left\{ \begin{array}{l} .09 \times 2.5 = .225 \\ \hline \frac{91.575}{.225} = 407^{\text{圓}} \end{array} \right.$
<p>(732)</p> $\left\{ \begin{array}{l} 10^{\text{日}} - \frac{7^{\text{日}}}{3} \\ \hline .015 \times \frac{7}{3} = .005 \\ \hline \frac{40^{\text{圓}}}{.005} = 8000^{\text{圓}} \end{array} \right.$	<p>(728)</p> $\left\{ \begin{array}{l} 1^{\text{年}} 7^{\text{月}} 5 = 19^{\text{月}} 5 \\ \hline 19^{\text{月}} 5 : 2 = .0975 \\ \hline \frac{19.50}{.795} = 100^{\text{圓}} \end{array} \right.$
<p>(733)</p> $\left\{ \begin{array}{l} .08 \times 2^{\text{年}} = .16 \\ \hline 14.76 - 1.16 \\ \hline \frac{85^{\text{圓}}}{1.76} = 50^{\text{圓}} \end{array} \right.$	<p>(729)</p> $\left\{ \begin{array}{l} 4 \frac{3}{4} \% = .0475 \\ \hline .0475 \times 4^{\text{年}} = .19 \\ \hline \frac{79.80}{.19} = 420^{\text{圓}} \end{array} \right.$

$$3 \div \frac{1}{2} = 6 \text{ 年} \quad .07 \times \frac{1}{2} = .035$$

(4)

1000 ^m
1035
1035
1035
5175
3705
10350
1071.225
530.1
1071.225
32137
5356
1108.178
530.1
1108.178
33261
5544
1147.523
530.1
1147.523
34426
5738
1187.686
530.1
1187.686
35630
5938
1229.235
1000.
229.255

(4) (3) (2) (1)

金二百二十九圓二十五錢五厘

金二百二十五圓四錢三厘

已知

已知

重加利息答式

(3)

1000 ^m
107
1070
107
749
1070
1144.9
107
801.43
1144.90
1225.043
1000.
225.043

(744)

$$07 \times \frac{7}{365} = \frac{7}{36500}$$

$$350 : \frac{7}{36500} = 18250^m$$

(745)

$$3 \text{ 年} = \frac{1}{4}$$

$$065 \times \frac{1}{4} = .01625$$

$$\frac{650^m}{01625} = 40000^m$$

$$40000^m \times 8 = 320000^m$$

$$\frac{10000^m}{72000} = 28000$$

(746)

$$\frac{8050^m}{.07} = 115000^m$$

$$8050^m \times 9 = 7245^m$$

$$\frac{7245^m}{.06} = 120750^m$$

$$115000$$

$$5750$$

(745) (744) (743) (742) (741) (740)

金二萬八千圓

金一萬八千二百五十圓

金一萬三千圓

金二萬圓

金九千圓

金五千圓

(746)

乙從甲多五千七百五十圓

(740)

$$06 \times 20 = 1.2$$

$$111.2 = 2.2$$

$$\frac{11000^m}{2.2} = 5000^m$$

(741)

$$07 \times \frac{1}{2} = .035$$

$$\frac{375^m}{.035} = 9000^m$$

(743)

$$30^m : 6 = .005$$

$$\frac{65^m}{.005} = 13000^m$$

(10) 2537年 11月 2日
2534. 12. 20
2. 10. 12
- 8
12^年: 2 = .02
12^年: 6 = .002
0.22
2.5 ÷ 2 = 1.25
0.6 × 2 = 1.2
以下前同シ

(9) 2536年 11月 26日
2532. 7. 16
4. 3. 10
3^年: 2 = .015
70^年: 6 = .001
0/6
8000
7000
8000
7000
5088
8000
8000
1.06
5393.28
8988.80
95287.28
607
95287.3
571.69
1009.982
076
3) 2019.964
673327
8050892
1009982
10099820
7026.815033
800
226.815

(12) 10年 11月 15日
8. 5. 15
2. 6. 0
2.5 ÷ 2 = 1.25
0.5 × 2 = 1.0
以下前同シ

(12) 金四十三圓七十五錢九厘

(13) 金五千六百二十七圓五十四錢四厘

算術類聚卷之上下終式

十一

(6) 1年 8期
夕 = 0.5 × 0.25
上ノ如ク先ツ重加ノ變數スル年利五分
半年ノ利率ヲ算出シ以下前法ニ倣ヒ
元金六百三十圓八率一〇二五ヲ八回乘シ
元利合金七百六十七圓五十九錢三厘ヲ得
内金六百三十圓ヲ引去リ金百三十七圓
五十九錢三厘ヲ答トス

(7) 1年 12期
夕 = 0.8 × 0.02
以下前ニ倣ヒ元利
合金六十三圓四十
一錢二厘ヲ得テ
答トス

(11) 每三個月重加利息元利合計金一千九百十五圓三錢七厘
每半年重加利息元利合計金一千九百十三圓三十六錢五厘
每年重加利息元利合計金一千九百十圓十二錢

(5) 金百三十五圓七十六錢九厘
(6) 金百三十七圓五十九錢四厘
(7) 金六十二圓九十八錢六厘
(8) 金六十三圓四十一錢二厘
(9) 金二百二十六圓八十一錢五厘
(10) 金百二十六圓七十三錢六厘

算術類聚卷之十一終式

十一

(75)

$\frac{600^{II}}{.725} = 830.975$	$\frac{4800^{II}}{600} = 8000$	$\frac{450^{III}}{.75} = 6000$	$\frac{3000^{III}}{450} = 6666.67$
$\frac{4800}{600} = 8000$	$\frac{7.125}{5625} = 0.00125$	$\frac{7.75}{7725} = 0.001$	$\frac{7.75}{7725} = 0.001$
$\frac{5625}{450} = 12500$	$\frac{6075}{7.125} = 8528.57$	$\frac{345}{39675} = 0.0087$	$\frac{345}{39675} = 0.0087$
$\frac{6075}{7.125} = 8528.57$	$\frac{30375}{12750} = 2382.61$	$\frac{39675}{7.15} = 55490.91$	$\frac{798375}{39675} = 20120.00$
$\frac{30375}{12750} = 2382.61$	$\frac{6075}{6834.375} = 0.8889$	$\frac{39675}{4562625} = 0.0087$	$\frac{39675}{4562625} = 0.0087$
$\frac{6075}{6834.375} = 0.8889$	$\frac{521.7}{6834.375} = 0.0763$	$\frac{54.7}{4562625} = 0.000012$	$\frac{54.7}{4562625} = 0.000012$
$\frac{521.7}{6834.375} = 0.0763$	$\frac{6834.38}{36687} = 0.1863$	$\frac{4562625}{4562625} = 1.0000$	$\frac{4562625}{4562625} = 1.0000$
$\frac{6834.38}{36687} = 0.1863$	$\frac{34172}{7688672} = 0.0044$	$\frac{228.37}{5247079} = 0.00435$	$\frac{228.37}{5247079} = 0.00435$
$\frac{34172}{7688672} = 0.0044$	$\frac{521.7}{7688672} = 0.000068$	$\frac{5247079}{5247079} = 1.0000$	$\frac{5247079}{5247079} = 1.0000$
$\frac{521.7}{7688672} = 0.000068$	$\frac{768867}{153773} = 5000.00$	$\frac{262357}{6034072} = 0.0435$	$\frac{262357}{6034072} = 0.0435$
$\frac{768867}{153773} = 5000.00$	$\frac{33443}{8649755} = 0.0387$	$\frac{57.7}{6034072} = 0.000956$	$\frac{57.7}{6034072} = 0.000956$
$\frac{33443}{8649755} = 0.0387$	$\frac{521.7}{8649755} = 0.000060$	$\frac{6034072}{6034072} = 1.0000$	$\frac{6034072}{6034072} = 1.0000$
$\frac{521.7}{8649755} = 0.000060$	$\frac{864976}{772995} = 1119.00$	$\frac{307703}{6939782} = 0.0443$	$\frac{307703}{6939782} = 0.0443$
$\frac{864976}{772995} = 1119.00$	$\frac{43249}{9730975} = 0.0044$	$\frac{6939782}{3450} = 2011532.75$	$\frac{6939782}{3450} = 2011532.75$
$\frac{43249}{9730975} = 0.0044$	$\frac{5400}{4330.975} = 1247.14$	$\frac{3450}{3489.182} = 988.79$	$\frac{3450}{3489.182} = 988.79$
$\frac{5400}{4330.975} = 1247.14$			

乙從甲多金八百四十一圓七十九錢三厘

(74)

金六百八十圓二十四錢四厘

(74)

$\frac{500^{II}}{1.08} = 462.96$	$\frac{540^{III}}{7.08} = 7627.12$
$\frac{540}{7.08} = 7627.12$	$\frac{432}{5832} = 0.0074$
$\frac{432}{5832} = 0.0074$	$\frac{540}{5832} = 0.0093$
$\frac{540}{5832} = 0.0093$	$\frac{5832}{7.08} = 82387.15$
$\frac{5832}{7.08} = 82387.15$	$\frac{46656}{58320} = 0.8000$
$\frac{46656}{58320} = 0.8000$	$\frac{629856}{80.7} = 7817300.00$
$\frac{629856}{80.7} = 7817300.00$	$\frac{50388}{680244} = 0.0741$
$\frac{50388}{680244} = 0.0741$	

(75) ノ如キ題ニ於テ八年々増加スル元金ヲ利子ト見做シ甲ノ元利合金ヲ求ルニハ先ツ年利一割五分ニテ利金四百五十圓ヲ得ル丈クノ元金三千圓ヲ算出シ是ニ初年ノ元金四百五十圓ヲ併セ金三千四百五十圓ヲ仮ニ全元金ト定メ而シテ前法ノ如ク利率一割五分ハ元金一ヲ加ヘシニ五ヲ滿期五個年ナル故五回衆シテ元利合金六千九百三十九圓十八錢二厘ヲ得其内ヨリ仮ニ設シ元金三千四百五十圓ノ引去ル時ハ金三千四百八十九圓十八錢二厘トナル斯レ全ク甲ノ元利合計ソリ共式左ノ如シ乙ノ元利合金ヲ算スルモ亦之ニ同シ

筆算頭數卷中下卷式

十四

(27)

$$\begin{aligned} \text{年} &: \frac{1}{3} \text{年} = 75 \text{期} \\ .12 \times \frac{1}{3} &= .04 \end{aligned}$$

$$\begin{aligned} &1800944 \times 500^{\text{III}} \\ \text{年利四分金一四十五年} \\ \text{重加利息元利合計} &= 900^{\text{III}} 472 \end{aligned}$$

(28)

$$\begin{aligned} \text{年} &: \frac{1}{2} \text{年} = 18 \text{期} \\ .12 \times \frac{1}{2} &= .06 \end{aligned}$$

$$\begin{aligned} &1702433 \\ \text{年利三分金一四十八年} \\ \text{重加利息元利合計} &= 526^{\text{III}} 825 \end{aligned}$$

(24)

$$\begin{aligned} 10 \text{年} 6 \text{月} 30 \text{日} \\ 8.7.0 \\ \frac{2}{2} \frac{5}{5} \frac{30}{30} = 11 \\ \frac{1}{6} \text{年} = 5 \text{期} \\ 2 \times 5 = 10 \text{期} \\ .08 \times \frac{1}{2} = .04 \end{aligned}$$

$$\begin{aligned} &1216633 \\ \text{年利四分金一四五年} \\ \text{重加利息元利合計} &= 276653 \times 80^{\text{III}} \\ &= 103^{\text{III}} 993 \end{aligned}$$

(26)

$$\begin{aligned} 10 \text{年} 6 \text{月} 30 \text{日} \\ 10.3.0 \\ \frac{1}{2} \text{年} = 18 \text{期} \\ .06 \times \frac{1}{2} = .03 \end{aligned}$$

$$\begin{aligned} &1860295 \times 1450^{\text{III}} \\ \text{年利三分金一四十八年} \\ \text{重加利息元利合計} &= 2697^{\text{III}} 28 \end{aligned}$$

(27)

$$\begin{aligned} &3.207735 \times 49^{\text{III}} \\ &= 157^{\text{III}} 149675 \\ &2^3: 2 = .07 \\ &157^{\text{III}} 1496 \times .07 \\ &= 109^{\text{III}} 727 \\ &49. \\ &109.727 \end{aligned}$$

(23)

$$\begin{aligned} 3^3: 2 = 6 \\ .06 \times \frac{1}{2} = .03 \end{aligned}$$

$$\begin{aligned} &1.194052 \\ \text{年利三分金一四六個年} \\ \text{重加利息元利合計} &= 1.194052 \times 100^{\text{III}} \\ &= 119.405 \end{aligned}$$

- (28) 金五百二十六圓八十二錢五厘
- (26) 金二千六百九十七圓四十二錢八厘
- (24) 金百三圓九十九錢三厘
- (22) 金八百九十四圓四十七錢六厘
- (20) 金五百四十一圓九十三錢二厘
- (18) 金百六十九圓二十七錢七厘
- (16) 已知
- (27) 金九百圓四十七錢二厘
- (25) 金二千六百十九圓四十五錢
- (23) 金十九圓四十一錢五厘
- (21) 金百九圓七十二錢二厘
- (19) 金八百七十九圓十三錢七厘
- (17) 已知

算算題後卷下式

(10)

$$\frac{88.20}{72} = 7.35$$

$$\frac{37.00}{4.35 \times 3} = 13.05$$

$$\frac{50.05}{69.02}$$

$$\frac{2+3=5}{69.02 \div 7} = 9.86$$

(12)

$$11 \frac{1}{3} = \frac{4}{3}$$

$$256 \div \frac{4}{3} = 192$$

(13)

$$1 - \frac{1}{3} = \frac{2}{3}$$

$$128 \div \frac{2}{3} = 192$$

(14)

$$67 \times 21 = 1281$$

$$64 \times 8 = 512$$

$$59 \times 11 = 649$$

$$\frac{1167}{2) 720} = 60$$

(14) (13) (12) (11)

六十個 一百九十二頭 一百九十二頭 金二千八百圓

(9)

$$\frac{25 \text{年}}{10} = \frac{10 \text{月}}{10}$$

$$\frac{15}{15} = \frac{10}{0}$$

$$15 \div \frac{1}{2} = 30.08 \times \frac{1}{2} = .04$$

$$600 \times .07 = 42$$

$$42 \div 2 = 21$$

$$21 \div .04 = 525$$

$$\frac{21}{546}$$

3.243398

$$\frac{1}{2.243398 \times 546} = 1229.895$$

三年利息分金二圓
三十元重加利
息元利合計

(10) (9) (8) (7) (6) (5) (4) (3) (2) (1)

金九圓八十六錢 金一千二百二十四圓八十九錢五厘 金四百三圓十六錢 金十六圓二十錢 金十圓九十二錢 金百六十八圓九十二錢二厘 三千三十三本 金三十圓 益金二十二圓 六千人

(4)

$$\frac{1467}{326} = 4500$$

$$\frac{7467}{3033}$$

(8)

$$7 - 63 \frac{2}{7} = .34 \frac{5}{7}$$

$$213.84 \div \frac{243}{700} = 616.11$$

$$\frac{213.84}{402.76}$$

(2)

$$26400 \times 5 = 732$$

$$732 \times \frac{2}{3} = 88$$

$$88 \times 35 = 3080$$

$$\frac{132}{88} = 1.5$$

$$\frac{44 \times 2 = 8.80}{22.00}$$

(3)

$$500 \times .08 \times 3 = 120$$

$$500 \times .12 \times 25 = 150$$

$$\frac{150}{30}$$

百公算損益平均利息算雜題答式

算算題後卷下式

筆算題義卷十二下式

(20) (19) (78) (17) (76)

八分
金十五錢四厘
金七百八十二圓
四百三十二個
四億三千八百九十一萬七千六十大升

(77)

$$\begin{cases} 1 \times 25 = 25 \\ \frac{540}{7.25} = 432 \end{cases}$$

(78)

$$\begin{cases} \frac{1.07}{2.0} = .005 \\ 1 - .005 = .995 \\ \frac{778.09}{.995} = 782 \end{cases}$$

(79)

$$\begin{cases} 20 \times 22 \text{ 錢} = 440 \\ 65 \times 10 = 650 \\ 85 \quad 7090 \\ 7090 \times 1.2 = 7308 \\ 7308 \div 85 = 75.4 \end{cases}$$

$$\begin{aligned} & 620 \times .065 \frac{5}{36} = 40.386 \\ & 620 \times .065 \frac{5}{36} = 40.386 \\ & 660.386 \\ & 67.070 \\ & 599.376 \\ & 599.376 \times .028 \frac{7}{9} = 17.247 \\ & 676.563 \\ & 89.030 \\ & 527.533 \\ & 527.533 \times .053 \frac{31}{36} = 28.414 \\ & 555.947 \\ & 107.770 \\ & 448.177 \\ & 448.177 \times .0425 \frac{5}{6} = 19.085 \\ & 467.262 \\ & 200.500 \\ & 266.762 \\ & 266.762 \times .016 \frac{19}{36} = 4.409 \\ & 271.171 \end{aligned}$$

(15)

10年 7月 19日
9. 12. 10
7. 9
7月 ÷ 2 = .035
9月 ÷ 6 = .0015
.0365 × 7/6 = .0060 5/6
.0425 5/6

10年 10月 19日
10. 7. 19
2. 25
2月 ÷ 2 = .01
25月 ÷ 6 = .004 1/6
.014 1/6
.014 1/6 × 1/6 = .002 13/36
.016 19/36

8年 10月 5日
7. 11. 0
11. 5
11月 ÷ 2 = .055
5月 ÷ 6 = .000 5/6
.055 5/6
.055 5/6 × 1/6 = .009 11/36
9年 3月 3日 .065 5/36
8. 10. 5
4. 28
4月 ÷ 2 = .02
28月 ÷ 6 = .004 4/6
.024 2/3
.024 2/3 × 1/6 = .004 1/9
.028 7/9

9年 12月 10日
9. 3. 3
9. 7
9月 ÷ 2 = .045
7月 ÷ 6 = .001 1/6
.046 1/6
.046 1/6 × 1/6 = .007 25/36
.053 27/36

(15)

金二百七十一圓十七錢一厘

算算類聚卷下下試

(29)

$$\begin{aligned} 1000 \times .58 &= 580 \text{ 錢} \\ 7250 \times .52 &= 650 \\ 7140 \times .5 &= 570 \\ \hline 3390 &- 1800 \\ 3390 \times .6 &= 2034 \\ \hline 234 \text{ 錢} & \\ 1800 &- .73 = 73\% \end{aligned}$$

(37)

$$\begin{aligned} 25 \times 24 &= \frac{600}{5900} \\ 5900 \times 1.08 &= 6372 \\ \hline 25 & \\ 39 & \\ 300 - 64 &= 236 \\ 6372 \div 236 &= 27 \end{aligned}$$

(33)

$$\begin{aligned} \frac{78.40}{7.75} &= 16 \\ 16 \times 1.25 &= 20 \end{aligned}$$

(25)

$$\begin{aligned} 476^{\text{m}} \times 6^{\text{m}} &= 2496 \\ 432 \times 12 &= 5184 \\ 848 & \overline{) 7680} \quad 9 \frac{13}{53} \\ (27) \\ \frac{270^{\text{m}}}{7.08} &= 250^{\text{m}} \\ 250^{\text{m}} \times .08 &= 20^{\text{m}} \end{aligned}$$

(28)

$$\begin{aligned} 8^{\text{m}} \times 2 &= .04 \\ \frac{.04}{.08} & \\ .04 \times \frac{7}{2} &= .02 \\ \frac{.02}{.10} & \\ 4375^{\text{m}} \times .1 &= 437.50 \\ 8^{\text{m}} \div 2 &= \frac{.04}{.006} = \frac{1}{7500} \\ 4375^{\text{m}} \times \frac{1}{7500} &= \frac{35}{72} \\ \text{m} \text{日} 437.50 & \\ 5 \times 7 &= 35.00 \\ 472.50 & \\ 472.50 \div \frac{35}{72} &= 16.2\% \end{aligned}$$

(32) 金二圓四十九錢三厘

(33) 金二十圓

- (31) 金二十七圓
- (30) 金八十九圓二十五錢
- (29) 一割三分
- (28) 一割六分二厘
- (27) 金二十圓
- (26) 金十六錢
- (25) 九個月五十三分三
- (24) 五分益
- (23) 期限後二個月半ヲ過クル時ハ違約金ヲ出サシムヘシ
- (22) 一割二分五厘ニテ毎年重加ノ方金三十一圓二十錢九厘益
- (21) 金一千七百四十九圓六厘

(22)

$$\begin{aligned} 4.109891 \\ 12 \times \frac{1}{2} &= 2 \\ 12 \times \frac{1}{2} &= .06 \\ 4.048935 \\ \frac{.060956 \times 572^{\text{m}}}{- 37.209} \end{aligned}$$

(24)

$$\begin{aligned} 7 - .25 &= .75 \\ \frac{8^{\text{m}} 10}{.75} &= 10.80 \\ \frac{11.34}{10.80} & \\ \frac{.54}{10.80} &= .05 = 5\% \end{aligned}$$

(23)

$$\begin{aligned} 100^{\text{m}} \times (12^{\text{a}} - 7^{\text{a}}) &= 7700 \\ 100 \times (12 - 3) &= 900 \\ \frac{200}{1000 - 200} &= \frac{2000}{800} \\ \frac{2000^{\text{m}}}{800} &= 2.5 \end{aligned}$$

算算類聚卷下下試

算算頭算卷十一

(41)

$$\begin{cases} 100^m \times 2^m = 200 \\ 250 \times 4 = 1000 \\ 350 \times 6 = 2100 \\ 300 \times 9 = 2700 \\ \hline 1000 \quad 6000 \quad (6^m = \frac{1}{2}^m) \\ 1000^m \times \frac{1}{2}^m = 500^m \\ 125^m \div 500^m = .25 \end{cases}$$

(42)

$$\begin{cases} 200^m \times 6^m = 1200 \\ 100 \times 4 = 400 \\ \hline 300 \quad 7600 \quad (5^m 10^m) \\ \frac{5}{10} \div 6 = .025 \\ 10^m \div 6 = .001 \frac{2}{6} \\ \hline 6) .026 \frac{2}{3} \\ \hline .004 \frac{4}{9} \\ 300^m \times .004 \frac{4}{9} = \frac{4}{3} \\ 100^m \div \frac{4}{3} = 75 \frac{9}{10} \end{cases}$$

(43)

$$\begin{cases} 1 - (.75 + .05) = .2 \\ 76^m \div .2 = 380^m \end{cases}$$

(37) (44)

$$\begin{cases} 1350^m - 54^m = 1296^m \text{ 百} \\ 4^m \div \frac{1}{3}^m \\ 1296^m \times \frac{1}{3}^m = 432^m \text{ 十} \\ 54^m \div 432^m = .125 \text{ 本} \end{cases}$$

(38)

$$\begin{cases} 45^m \times 3^m = 135 \\ 220 \times 2 = 440 \\ 447 \times 1 = 447 \\ \hline 706 \quad 1076 \quad (1^m 5^m 8^m) \end{cases}$$

(39)

$$\begin{cases} 8449.83 \\ \hline 3379932 = 2500^m \end{cases}$$

十年利七分
利息元利合計

(40)

$$\begin{cases} 4800^m \times .025 = 120^m \\ 3^m \div \frac{1}{4}^m \\ 3800^m \times .15 \times \frac{1}{4}^m = 142.50 \\ \hline 737.50 \end{cases}$$

(43) 金八十圓
(42) 七割五分
(41) 二割五分
(40) 金七百三十七圓五十錢益
(39) 金二千五百圓
(38) 一年五個月八日分
(37) 一割二分五厘
(36) 三千四百二十八方五千二百七人
(35) 九厘七五九二二六
(34) 金一百二十三圓

(36)

$$\begin{cases} 33625683^m \\ 33300694 \\ \hline 324989 \\ 324989 \\ 33300694 \times .009759226 \\ 1+.009759226 \\ -1.009759226 \\ 33625683 \times 7.009759226 \\ -33953843.6 \\ 33953843.6 \times 7.009759226 \\ -34285207^m \end{cases}$$

(35)

$$\begin{cases} 76897741^m \\ 16408953 \\ \hline 482788 \\ 482788 \times 100 \\ 76408953 \\ \hline = 2.9 \frac{6928363}{76408953} \% \end{cases}$$

算算頭算卷十一

(52)

$$\begin{aligned} 77 \times 100 &= 7700 \\ 74 \times 75 &= 7050 \\ 20 \times 50 &= 1000 \\ 28 \times 35 &= 980 \\ 32 \times 25 &= 800 \end{aligned}$$

$$\frac{4095}{705} = 39 \text{ 錢}$$

$$39 \div 1.3 = 30 \text{ 錢}$$

(49)

$$\begin{aligned} 52.5 \times 8 &= 420 \text{ 錢} \\ 52.0 \times 75 &= 780 \\ 60.0 \times 12 &= 780 \\ \hline 36 & 1980 \\ 1980 \times 1.08 &= 2138 \text{ 錢} \\ 2138 \div 36 &= 59 \text{ 錢} \end{aligned}$$

(50)

$$\begin{aligned} 130 \times 5.20 &= 676 \text{ 兩} \\ 4 \times \frac{1}{3} &= \frac{4}{3} \\ 15 \times \frac{1}{3} &= 5 \\ \hline 676 \times 1.17 &= 790.92 \\ 1 - 1 &= .9 \\ 790 \times .9 &= 711 \text{ 兩} \\ 79092 \div 11700 &= 6.76 \end{aligned}$$

(51)

$$\begin{aligned} 5.5 \div \frac{1}{2} &= 11 \text{ 兩} \\ .2 \times \frac{1}{2} &= .1 \\ \hline 2.853777 \\ \hline 7.853777 \times 450 \\ \hline &= 833.903 \end{aligned}$$

年利一分金
十五年重加
利息元利合計

(46) (52) (51) (50) (49) (48) (47) (45)

$$\begin{aligned} 5488 \text{ 兩} \\ \hline 2404928 \\ \hline = 3906.25 \end{aligned}$$

年利一分二分金
三年重加
利息元利合計

金三十錢
金八百三十三圓九十錢三厘
金六錢七厘六毛
金五十九錢四厘
金三十七錢八厘
金五百圓
金三百二十一圓六十錢

(47)

$$\begin{aligned} 283.8805 \times 7.672255 \\ \hline - 2160.977 \\ \hline 2160.977 = 500 \text{ 兩} \\ \hline 4.321942 \end{aligned}$$

年利七分金
三年重加
利息元利合計

(45)

$$\begin{aligned} 250 \text{ 兩} \\ \hline 80 \\ \hline 1770 \times 8 = 1360 \text{ 兩} \\ \hline 80 \\ \hline 7440 \\ 1440 \times .75 \times \frac{1}{12} = 78 \text{ 兩} \\ \hline 250 \\ \hline 268 \\ 268 \times 1.2 = 321.60 \end{aligned}$$

(48)

$$\begin{aligned} 1 + .75 &= 1.75 \\ \frac{50 \text{ 錢}}{1.75} &= 28 \frac{11}{23} \\ 1 - .73 &= .87 \\ 43 \frac{11}{23} \times .87 &= 37.8 \end{aligned}$$

(46)

金三千九百六圓二十五錢

算題彙卷十一下答式終

(54)

$$\frac{10^{\text{年}} \quad 12^{\text{月}}}{8. \quad 7} = 35^{\text{日}} = 5^{\text{月}} = 7^{\text{期}}$$

$$3 \times \frac{1}{2}^{\text{年}} = 1.5$$

$$\frac{2.660020}{7.660020 \times 128^{\text{日}}} = 272.48256$$

年利一割五分金
一週七十年重加
利息元利合計

$$\frac{10^{\text{年}} \quad 12^{\text{月}}}{8. \quad 0} = 3^{\text{年}}$$

$$128^{\text{日}} \times 3^{\text{年}} = 384^{\text{日}}$$

$$\frac{272.48256 \times 100}{384} = 55.334\%$$

(55)

$$\begin{cases} 800^{\text{日}} \times 15^{\text{錢}} = 120^{\text{日}} \times 6^{\text{日}} = 720 \\ 300 \times 72 = 36 \times 7 = 252 \\ 1200 \times 8 = 96 \times 3 = 288 \end{cases}$$

$$\frac{252}{288} \Bigg) 260 \Big(5^{\text{日}}$$

$$5^{\text{日}} = \frac{5^{\text{年}}}{12}$$

$$\frac{252^{\text{日}}}{22} = 22.00$$

$$230 \times 12 \times \frac{5^{\text{年}}}{12} = \frac{71.50}{70.50}$$

定價金拾錢

(53)

3月 6日	30	
3月 36日	32	今月 表四下格
3月 31日	30	(四日) 數 = 94 ^日
6月 31日	70	7月 1日
4月 70日	60	(四日) 數 = 182 ^日
4月 62日	8	5月 表四下格
5月 3日	9	(四日) 數 = 159 ^日
4月 0日	9	(四日) 數 = 246 ^日
5月 9日	9	(四日) 數 = 313 ^日
6月 0日	9	(四日) 數 = 313 ^日
7月 9日	9	(四日) 數 = 313 ^日

表四下格

$$\begin{aligned} 275.50 \times 94^{\text{日}} &= 25897.00 \\ 560.00 \times 182 &= 101920.00 \\ 820.70 \times 159 &= 130395.90 \\ 575.00 \times 246 &= 126690.00 \\ 1225.40 \times 313 &= 383550.20 \\ \hline 3396.00 & \Bigg) 768453.70 \Big(226^{\text{日}} \\ & \quad 227 \\ & \quad 213 = 8^{\text{日}} \text{表四下格} \\ & \quad \quad 74^{\text{日}} \end{aligned}$$

(55) (54) (53)
金十圓五十錢
五割五分三厘三四
八月十四日

算題彙卷十一下答式

