

小林義
則編輯

小學
筆算全書笈式

卷之十二

明治四十四年十二月上梓

小林義則編
小林正方校

小筆學

東京帝國博物館

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明治四十四年

算式書

明治十三年十月
十一日版權免許

文學社刊行

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明治十五年九月十五日

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((1))

10 1
13 2
15 4
16 1

((2))

40 5=1
50 15=3
60 15=3
70 5=1

((3))

90 8=4
100 38=10
112 22=11
150 12=6

((4))

35 8=8
40 8=8
50 7+2=9

((11))

11=8+3+1

((21))

21=11+8+1+1

小學算術全書卷之三

(17) 140 $\left. \begin{array}{l} 105 \\ 120 \\ 150 \\ 160 \end{array} \right\} \begin{array}{l} 20 = 4^{\text{升}} \\ 10+20=6 \\ 20 = 4 \\ 35+20=11 \end{array}$	(13) 19 $\left. \begin{array}{l} 15 \\ 18 \\ 21 \\ 22 \end{array} \right\} \begin{array}{l} 2 = 2^{\text{升}} \\ 2+3=5 \\ 4+1=5 \\ 5-10=1 \end{array}$
(18) 95 $\left. \begin{array}{l} 80 \\ 100 \\ 125 \end{array} \right\} \begin{array}{l} 5+30=7^{\text{升}} \\ 15 = 3 \\ 15 = 3 \end{array}$	(14) 70 $\left. \begin{array}{l} 50 \\ 62 \\ 75 \\ 83 \end{array} \right\} \begin{array}{l} 5 = 5^{\text{升}} \\ 5+13=18 \\ 20+8=28 \\ 18 = 8 \end{array}$
(19) 6 $\left. \begin{array}{l} 3 \\ 5 \\ 7 \\ 8 \end{array} \right\} \begin{array}{l} 1+2=3^{\text{個}} \\ 1+2=3 \\ 3+1=4 \\ 3+1=4 \end{array}$	(15) 65 $\left. \begin{array}{l} 40 \\ 50 \\ 70 \\ 75 \end{array} \right\} \begin{array}{l} 5 = 1^{\text{升}} \\ 5+10=3 \\ 25+15=8 \\ 15 = 3 \end{array}$
(20) 11 $\left. \begin{array}{l} 9 \\ 11 \\ 14 \end{array} \right\} \begin{array}{l} 3 = 3^{\text{升}} \\ 3 = 3 \\ 0+2=2 \end{array}$	(16) 15 $\left. \begin{array}{l} 10 \\ 14 \\ 16 \\ 18 \end{array} \right\} \begin{array}{l} 3 = 3^{\text{升}} \\ 3+1=4 \\ 1 = 1 \\ 5+1=3 \end{array}$

(9) 12 $\left. \begin{array}{l} 9 \\ 11 \\ 14 \end{array} \right\} \begin{array}{l} 2 = 1^{\text{升}} \\ 2 = 1 \\ 3+1=4=2 \end{array}$	((15)) 23 $\left. \begin{array}{l} 18 \\ 20 \\ 25 \end{array} \right\} \begin{array}{l} 2 = 1^{\text{升}} \\ 2 = 1 \\ 5+3=8=4 \end{array}$
(10) 52 $\left. \begin{array}{l} 40 \\ 50 \\ 60 \end{array} \right\} \begin{array}{l} 8 = 4^{\text{升}} \\ 8 = 4 \\ 12+2=14=7 \end{array}$	((16)) 16 $\left. \begin{array}{l} 0 \\ 15 \\ 18 \\ 20 \end{array} \right\} \begin{array}{l} 2+4=6^{\text{個}} \\ 20=2 \\ 7+1=8 \\ 7 = 7 \end{array}$
(11) 23 $\left. \begin{array}{l} 20 \\ 25 \\ 27 \\ 28 \end{array} \right\} \begin{array}{l} 4+5+2=11 \\ 3 \\ 3 \\ 3 \end{array}$	((17)) 200 $\left. \begin{array}{l} 175 \\ 180 \\ 210 \\ 235 \end{array} \right\} \begin{array}{l} 10+35=45=0 \\ 10 = 2 \\ 25+20=45=9 \\ 25 = 5 \end{array}$
((12)) 65 $\left. \begin{array}{l} 50 \\ 80 \\ 90 \\ 100 \end{array} \right\} \begin{array}{l} 35+25+15=75=5 \\ 15=1 \\ 15=1 \\ 15=1 \end{array}$	((18)) 75 $\left. \begin{array}{l} 0 \\ 70 \\ 120 \end{array} \right\} \begin{array}{l} 45 = 9^{\text{升}} \\ 45 = 9 \\ 15+5=20=4 \end{array}$

小學算術全書卷之三

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(29) $\begin{array}{r l} 362 & 54 \\ 466 & 416 \\ \hline 520 & 104+50=154-77 \end{array}$ $27 = 25 = 27 = x = 25$ $+27 = 25 = 77 = x = 71\frac{8}{27}$	(27) $\begin{array}{r l} 20 & 2 \\ 25 & 9 \\ 28 & 30 \\ \hline 37 & 3 \end{array}$ $2 = 20 = 9 = x = 90$ $2 = 20 = 8 = x = 80$ $2 = 20 = 3 = x = 30$
(30) $\begin{array}{r l} 8 & 1 \\ 13 & 10 \\ \hline 12 & 1 \\ 14 & 5+3+1=9 \end{array}$ $1 = 55 = 1 = x$ $x = 55$ $1 = 55 = 9 = x$ $x = 4.95$	(28) $\begin{array}{r l} 6 & 2 \\ 8 & 7 \\ \hline 10 & 2+1=3 \end{array}$ $7 = 2 = 473 = x$ $x = 135\frac{61}{7}$ $7 = 2 = 473 = x = 135\frac{1}{7}$ $7 = 3 = 473 = x = 202\frac{5}{7}$

(25) $\begin{array}{r l} 10 & 2 \\ 13 & 11 \\ \hline 15 & 3+2=5 \end{array}$ $2 = 16 = 2 = x = 16$ $2 = 16 = 5 = x = 40$	(21) $\begin{array}{r l} 84 & 38+18=56-2 \\ 112 & 130 \\ \hline 150 & 28=1 \\ & 28=1 \end{array}$
(26) $\begin{array}{r l} 80 & 15 \\ 100 & 00 \\ \hline 112 & 5 \\ 130 & 10 \end{array}$ $15 = 25 = 6 = x = 10$ $15 = 25 = 5 = x = 8\frac{1}{3}$ $15 = 25 = 10 = x = 16\frac{2}{3}$	(22) $\begin{array}{r l} 150 & 20+30=5 \\ 180 & 20+30=5 \\ 190 & 210 \\ \hline 220 & 40+10=5 \\ & 40+10=5 \end{array}$
(23) $\begin{array}{r l} 68 & 3+5=8 \\ 80 & 75 \\ \hline 83 & 5 = 5 \\ & 12 = 12 \\ 85 & 12+5=17 \end{array}$	(24) $\begin{array}{r l} 215 & 150+220=370-74 \\ 300 & 270 \\ \hline 450 & 220 = 44 \\ & 85 = 17 \\ 520 & 85+30=23 \end{array}$

(38)

$$\begin{array}{r} 025 \quad 3 = 3 \\ 030 \quad 3+8 = 11 \\ 035 \quad 7+2 = 9 \\ 40 \quad 2 = 2 \\ \hline 25 \end{array}$$

依9

$$25 = 78 = 3 = x = 9 \frac{9}{25}$$

$$25 = 78 = 11 = x = 34 \frac{8}{25}$$

$$25 = 78 = 9 = x = 28 \frac{4}{25}$$

$$25 = 78 = 2 = x = 6 \frac{6}{25}$$

(39)

$$\begin{array}{r} 752 \quad 882 \quad 120 \\ 032 \quad 130 \\ \hline 250 \end{array}$$

本9

$$250 = 120 = 182 = x = 87 \frac{9}{25}$$

$$250 = 130 = 182 = x = 94 \frac{10}{25}$$

(36)

$$\begin{array}{r} 026 \quad 2 = 1 \\ 08 \quad 2 = 1 \\ 12 \quad 4+2 = 3 \\ \hline 5 \end{array}$$

救

$$5 = 1 = 75 = x = 15$$

$$5 = 1 = 75 = x = 15$$

$$5 = 3 = 75 = x = 45$$

(37)

$$\begin{array}{r} 25 \quad 5 = 1 \\ 75 \quad 50 \quad 5 = 1 \\ 80 \quad 50+25 = 15 \\ \hline 17 \end{array}$$

把18

$$17 = 1 = 100 = x$$

$$17 = 15 = 100 = x$$

$$x = 38 \frac{4}{17}$$

$$17 = 1 = 100 = x$$

$$x = 15$$

(33)

$$\begin{array}{r} 120 \quad 5+25 = 30 = 2 \\ 135 \quad 140 \quad 15 = 1 \\ 160 \quad 15 = 1 \\ \hline 2 = 15 = 1 = x \\ x = 7.5 \end{array}$$

(34)

$$\begin{array}{r} 60 \quad 5 = 1 \\ 75 \quad 70 \quad 5 = 1 \\ 80 \quad 15+5 = 4 \\ \hline 1 = 68 = 1 = x \\ 1 = 68 = 4 = x \\ x = 68 \\ x = 272 \end{array}$$

(35)

$$\begin{array}{r} 60 \quad 5 \\ 75 \quad 80 \quad 15 \\ \hline 20 \end{array}$$

$$20 = 15 = 100 = x = 75$$

$$20 = 15 = 100 = x = 75$$

(31)

$$\begin{array}{r} 50800 \quad 35125 \quad 29800 \\ 80600 \quad 15675 \\ \hline 45475 \end{array}$$

$$45475 = 29800 = 50 = x$$

$$45475 = 15675 = 50 = x$$

$$x = 17.2 +$$

(32)

$$\begin{array}{r} 20 \quad 5+3 = 8 \\ 25 \quad 28 \quad 15 = 5 \\ 30 \quad 15 = 5 \\ \hline 08 = 42 = 5 = x \\ x = 26 \frac{1}{4} \end{array}$$

各

小學算術全書卷之五

(46)

$$\begin{array}{r} 480 \\ 540 \overline{) 550} \\ 60 \\ 660 \end{array}$$

$120+10=13$
 $60=6$
 $60=6$
 $6=5=13=x$
 $x=10\frac{5}{8}$
 $6=5=6=x$
 $x=5$

(47)

$$\begin{array}{r} 125 \times 56 = 7000 \\ 150 \times 28 = 4200 \\ 84 \quad 11200 \end{array}$$

$$\begin{array}{r} 140 \overline{) 400} \\ 3 \quad 40 \\ 180 \quad 20 \\ 3 \end{array}$$

$40=84=\frac{20}{3}=x$
 $x=14\frac{2}{3}$

(44)

$$\begin{array}{r} 32 \times 12 = 384 \\ 25 \times 8 = 200 \\ 20 \quad 584 \end{array}$$

$$\begin{array}{r} 37 \overline{) 146} \\ 5 \quad 3 \\ 40 \quad 39 \\ 3 \quad 20 = \frac{39}{5} = x \\ x = 52\frac{4}{5} \end{array}$$

(45)

$$\begin{array}{r} 16 \quad 2 \\ 18 \quad 2 \\ 21 \quad 2 \\ 24 \quad 6+4+1 = \frac{11}{17} \end{array}$$

$17=51=11=x$
 $x=33\frac{1}{11}$
 $17=51=2=x$
 $x=11$

(42)

$$\begin{array}{r} 5 \times 30 = 150 \\ 7 \times 42 = 294 \\ 72 \quad 444 \end{array}$$

$$\begin{array}{r} 6 \overline{) 111} \\ 18 \quad 1 \\ 5 \quad \frac{1}{2} \quad \frac{3}{18} \end{array}$$

$\frac{1}{2}=72=\frac{3}{18}=x$
 $x=24\frac{1}{2}$

(43)

$$\begin{array}{r} 3 \quad 1=1 \\ 5 \quad 1+2=3 \\ 7 \quad 3+1=4 \\ 8 \quad 0+1=1 \end{array}$$

(40)

$$\begin{array}{r} 30 \times 30 = 900 \\ 44 \times 40 = 1760 \\ 74 \quad 2660 \end{array}$$

$$\begin{array}{r} 35 \overline{) 35 \frac{70}{74}} \\ 32 \quad \frac{70}{74} \end{array}$$

$3=74=\frac{70}{74}=x$
 $x=23\frac{1}{3}$

(41)

$$\begin{array}{r} 90 \times 50 = 4500 \\ 75 \times 40 = 3000 \\ 90 \quad 7500 \end{array}$$

$$\begin{array}{r} 100 \overline{) 750} \\ 9 \quad 10 \\ 110 \quad 150 \\ 9 \end{array}$$

$10=90=\frac{150}{9}=x=150\frac{1}{3}$

(54)

$$\begin{array}{r} 30 \\ 38 \overline{) 35} \\ 40 \end{array} \quad \begin{array}{r} 2 \\ 2 \\ 11 \end{array}$$

$$2 = 25 = 2 = x$$

$$25 \wedge$$

$$2 = 25 = 11 = x$$

$$x = 137.5$$

(55)

$$\begin{array}{r} 75 \\ 100 \overline{) 125} \\ 125 \end{array} \quad \begin{array}{r} 25 \\ 25 \\ 50 \end{array}$$

$$50 = 1500 = 25 = x$$

$$x = 750$$

$$50 = 1500 = 25 = x$$

$$x = 750$$

$$x = 750$$

(52)

$$15 \times 150 = 2250$$

$$17 \times 210 = 3570$$

$$\begin{array}{r} 360 \\ 5820 \\ 18 \end{array} \quad \begin{array}{r} 3 \\ 3 \\ 18 \end{array}$$

$$3 = 360 = \frac{3}{18} = x$$

$$x = 20$$

(53)

$$\begin{array}{r} 35 \\ 42 \overline{) 40} \\ 42 \end{array} \quad \begin{array}{r} 3 \\ 3 \\ 7+2=9=3 \\ 5 \end{array}$$

$$5 = 1 = 424 = x$$

$$x = 84.8$$

$$5 = 3 = 424 = x$$

$$x = 2544$$

(50)

$$900 = 150 = 6$$

$$\begin{array}{r} 560 \\ 600 \overline{) 710} \\ 600 \end{array} \quad \begin{array}{r} 110 \\ 40 \\ 150 \end{array}$$

$$15 = 150 = 11 = x$$

$$x = 110$$

$$15 = 150 = 4 = x$$

$$x = 40$$

(51)

$$840 = 56 = 150$$

$$\begin{array}{r} 50 \\ 150 \overline{) 175} \\ 150 \end{array} \quad \begin{array}{r} 25=1 \\ 150=6 \\ 100=4 \\ 75=3 \end{array}$$

$$14 = 1 = 56 = x = 4$$

$$14 = 6 = 56 = x = 24$$

$$14 = 4 = 56 = x = 16$$

$$14 = 3 = 56 = x = 12$$

(48)

$$62 \times 36 = 2232$$

$$185 \times 24 = 4440$$

$$\begin{array}{r} 60 \\ 6672 \end{array}$$

$$\begin{array}{r} 6672 \\ 140 \overline{) 60} \\ 165 \end{array} \quad \begin{array}{r} 25 \\ 1728 \\ 60 \end{array}$$

$$25 = 60 = \frac{1728}{60} = x$$

$$x = 60$$

(49)

$$4 \times 150 = 600$$

$$5 \times 205 = 1025$$

$$355 = 1625$$

$$\begin{array}{r} 325 \\ 40 \overline{) 71} \\ 60 \end{array} \quad \begin{array}{r} 11 \\ 3154 \\ 71 \end{array}$$

$$11 = 355 = \frac{3154}{71} = x$$

$$x = 1433$$

$$\begin{array}{r|l} (63) & \\ 18 & \begin{array}{l} 14 \quad 4 \\ 15 \quad 1 \\ 19 \quad 3 \\ 22 \quad 4 \end{array} \end{array}$$

$$\begin{array}{r|l} (60) & \\ 6 & \begin{array}{l} 5 \quad 1+2=3 \\ 7 \quad =1 \\ 8 \quad =1 \end{array} \end{array}$$

$1=1200=1-x=1200$
 $1=1200=3-x=3600$

$$\begin{array}{r|l} (64) & \\ 55 & \begin{array}{l} 50 \quad 17+1=18 \\ 56 \quad 5=5 \\ 72 \quad 5=5 \end{array} \end{array}$$

$28 = 670 = 18 = x$
 $x = 430 \frac{5}{7}$
 $28 = 670 = 5 = x$
 $x = 119 \frac{9}{14}$

$$\begin{array}{r|l} (61) & \\ 85 & \begin{array}{l} 75 \quad 15 \\ 100 \quad \frac{10}{25} \end{array} \end{array}$$

$25=250=15=x=150$
 $25=250=10=x=100$

$$\begin{array}{r|l} (62) & \\ 50 \times 60 = 3000 & \\ 70 \times 40 = 2800 & \\ \hline 100 & 5800 \\ 75 & \begin{array}{l} 58 \quad 5 \\ 80 \quad 17 \end{array} \\ 5 = 100 = 17 = x & \\ x = 310 & \text{版} \end{array}$$

$$\begin{array}{r|l} (58) & \\ 25 & \begin{array}{l} 10 \quad 25=5 \\ 15 \quad 10=2 \\ 20 \quad 25=5 \\ 35 \quad 10=2 \\ 50 \quad 5+15=4 \end{array} \end{array}$$

$\frac{18}{18}$

$$\begin{array}{r|l} (59) & \\ 22 \frac{1}{7} & \begin{array}{l} 15 \frac{7}{9} \quad \frac{67}{21} \\ 19 \frac{1}{5} \quad \frac{67}{21} \\ 20 \frac{1}{8} \quad \frac{67}{27} \\ 21 \frac{1}{4} \quad \frac{67}{21} \\ 25 \frac{1}{3} \quad \frac{67}{21} \end{array} \end{array}$$

$\frac{67}{21} = \frac{585029}{1890} = 150 = x$

$x = 14552 \frac{10}{201}$
 餘皆150ナリ

$$\begin{array}{r|l} (56) & \\ 60 & \begin{array}{l} 30 \quad 10+20=3 \\ 40 \quad 20=2 \\ 70 \quad 30=3 \\ 80 \quad 30+20=5 \end{array} \end{array}$$

$5 = 3200 = 3 = x$
 $x = 1920$

$5 = 3200 = 2 = x$
 $x = 1280$
 $5 = 3200 = 3 = x$
 $x = 1920$

$$\begin{array}{r|l} (57) & \\ 24 & \begin{array}{l} 16 \quad 6=1 \\ 20 \quad 6=1 \\ 30 \quad 8+4=2 \end{array} \end{array}$$

$2 = 130 = 1 = x = 65$
 $2 = 130 = 1 = x = 65$

(71)

$$50 \left| \begin{array}{l} 25 \\ 50 \\ 100 \end{array} \right) \begin{array}{l} 50=10=2 \\ 50=10=2 \\ 25=5=1 \end{array}$$

$$5=175=2=x=70^{\text{水}}$$

$$5=175=2=x=70$$

$$5=175=1=x=35$$

(72)

$$30 \left| \begin{array}{l} 20 \\ 30 \\ 50 \end{array} \right) \begin{array}{l} 20=2 \\ 20=2 \\ 10=1 \end{array}$$

$$5=2=66=x=264^{\text{敵}}$$

$$5=1=66=x=132$$

(69)

$$252=42=6$$

$$60 \left| \begin{array}{l} 55 \\ 70 \\ 75 \end{array} \right) \begin{array}{l} 10+15=5 \\ 5=1 \\ 5=1 \end{array}$$

$$7=5=42=x \quad \frac{x}{7}=30^{\text{H}}$$

$$7=1=42=x \quad x=6$$

(70)

$$445=210=211 \frac{19}{21}$$

$$\frac{4450}{21} \left| \begin{array}{l} 50 \\ 250 \\ 400 \end{array} \right) \begin{array}{l} 4750=95 \\ 3400=68 \\ 3400=68 \end{array}$$

$$231=210=95=x$$

$$x=86 \frac{4}{11}$$

$$231=210=68=x$$

$$x=61 \frac{0}{11}$$

$$231=210=68=x$$

$$x=61 \frac{9}{11}$$

(67)

$$1785=21=850$$

$$850 \left| \begin{array}{l} 500 \\ 750 \\ 1050 \end{array} \right) \begin{array}{l} 200=200 \\ 200=200 \\ 50+100=150 \end{array}$$

$$850=200=21=x$$

$$x=4 \frac{16}{17}$$

$$850=200=21=x$$

$$x=4 \frac{16}{17}$$

$$850=450=21=x$$

$$x=11 \frac{2}{17}$$

(68)

$$48 \left| \begin{array}{l} 45 \\ 51 \\ 52 \end{array} \right) \begin{array}{l} 4+3=7 \\ 3 \\ 3 \end{array}$$

$$\frac{3}{13}$$

$$13=700=7=x$$

$$x=376 \frac{12}{13}$$

$$13=700=3=x$$

$$x=161 \frac{7}{13}$$

(65)

$$14 \left| \begin{array}{l} 9 \\ 12 \\ 18 \\ 20 \end{array} \right) \begin{array}{l} 4 \\ 6 \\ 5 \\ 2 \end{array}$$

$$\frac{17}{17}$$

$$17=170=4=x=40^{\text{個}}$$

$$17=170=6=x=60$$

$$17=170=5=x=50$$

$$17=170=2=x=20$$

(66)

$$14 \left| \begin{array}{l} 12 \\ 15 \\ 17 \\ 19 \end{array} \right) \begin{array}{l} 3 \\ 5 \\ 2 \\ 1 \end{array}$$

$$\frac{11}{11}$$

$$11=46=3=x=12 \frac{6}{11}$$

$$11=46=5=x=20 \frac{10}{11}$$

$$11=46=2=x=8 \frac{4}{11}$$

$$11=46=4=x=4 \frac{2}{11}$$

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(79)

$$\begin{array}{r} 10000 \overline{) 200 \times 29} \quad 4500 \\ \underline{500 \times 29} \quad 4200 \\ 87 \end{array}$$

$87 = 45 = 29 = x$

$x = 15^{\text{又}}$

$87 = 42 = 29 = x$

$x = 14$

(77)

$$\begin{array}{r} 150 \times 53 = 7950 \\ 75 \times 45 = 3375 \\ \hline 98 \quad 11325 \end{array}$$

$$104 \overline{) \frac{11325}{98}} \quad 4$$

$$100 \overline{) \frac{1133}{98}}$$

$4 = \frac{1133}{98} = 98 = x$

$x = 283 \frac{1}{4}$

(75)

$$\begin{array}{r} 25 \times 38 = 950 \\ 21 \times 55 = 1155 \\ \hline 93 \quad 2105 \end{array}$$

$$24 \overline{) \frac{2105}{93}} \quad 3$$

$$27 \overline{) \frac{127}{93}}$$

$3 = 93 = \frac{127}{93} = x$

$x = 42 \frac{1}{3}$

(73)

$$\begin{array}{r} 50 \times 50 = 2500 \\ 62 \times 62 = 3844 \\ \hline 112 \quad 6344 \end{array}$$

$$56 \overline{) \frac{703}{14}} \quad 2$$

$$58 \overline{) \frac{9}{14}}$$

$2 = 112 = \frac{9}{14} = x$

$x = 36^{\text{入}}$

(80)

$$\begin{array}{r} \frac{765}{264} \overline{) 25} \quad \frac{7683}{264} \\ \underline{32} \quad \frac{5835}{264} \end{array}$$

$13518 = 528 = 7683 = x$

$x = 301 \frac{2883}{6789}$

$13618 = 528 = 5835 = x$

$x = 228 \frac{4248}{6739}$

(78)

$$\begin{array}{r} 21 \times 140 = 2940 \\ 12 \times 105 = 1260 \\ \hline 245 \quad 4200 \end{array}$$

$$16 \overline{) \frac{840}{49}} \quad 1$$

$$15 \overline{) \frac{56}{49}}$$

$1 = \frac{56}{49} = 245 = x$

$x = 245^{\text{升}}$

(76)

$$\begin{array}{r} 25 \times 5 = 125 \\ 35 \times 26 = 910 \\ 85 \times 14 = 1190 \\ \hline 45 \quad 2225 \end{array}$$

$$55 \overline{) \frac{40 \frac{4}{9}}{70}} \quad 15$$

$$70 \overline{) \frac{50}{9}}$$

$15 = 45 = \frac{50}{9} = x$

$x = 16 \frac{2}{3}$

(74)

$$1320 = 22000 = 0.06$$

$$6 \overline{) \frac{5}{7}} \quad \frac{1}{2}$$

$2 = 22000 = 1 = x$

$x = 11000^{\text{各}}$

(89)

$$\begin{array}{r|l} 20 & \begin{array}{l} 12 \\ 25 \end{array} \end{array} \begin{array}{l} 5 \\ 8 \end{array}$$

$$8 = 35 = 5 = \mathfrak{X}$$

$$\mathfrak{X} = 21 \frac{7}{8}$$

(90)

$$\begin{array}{r|l} 2800 & \begin{array}{l} 2600 \\ 3000 \end{array} \end{array} \begin{array}{l} 200 \\ 200 \end{array}$$

$$400$$

$$400 = 200 = 138200 = \mathfrak{X}$$

$$\mathfrak{X} = 69100$$

$$400 = 200 = 138200 = \mathfrak{X}$$

$$\mathfrak{X} = 69100^{\text{四}}$$

(91)

$$\begin{array}{r|l} 10 & \begin{array}{l} 6 \\ 8 \end{array} \end{array} \begin{array}{l} 5 \\ 5 \end{array}$$

$$15 \quad 4+2=6$$

$$6 = 180 = 5 = \mathfrak{X} = 150^{\text{個}}$$

$$6 = 180 = 5 = \mathfrak{X} = 150$$

(86)

$$\begin{array}{r|l} 42 & \begin{array}{l} 37 \\ 45 \end{array} \end{array} \begin{array}{l} 3 \\ 5 \end{array}$$

$$5 = 350 = 3 = \mathfrak{X}$$

$$\mathfrak{X} = 210^{\text{依}}$$

(87)

$$\begin{array}{r|l} 45 & \begin{array}{l} 35 \\ 40 \\ 50 \end{array} \end{array} \begin{array}{l} 5 = 1 \\ 5 = 1 \\ 10+5 = 3 \end{array}$$

$$1 = 25 = 1 = \mathfrak{X} = 25^{\text{反}}$$

$$1 = 25 = 3 = \mathfrak{X} = 75$$

(88)

$$\begin{array}{r|l} 15 & \begin{array}{l} 12 \\ 25 \end{array} \end{array} \begin{array}{l} 10 \\ 3 \\ 13 \end{array}$$

$$13 = 3 = 10 = \mathfrak{X} = 2 \frac{4}{13}$$

$$13 = 3 = 3 = \mathfrak{X} = \frac{9}{13}$$

(83)

$$\begin{array}{r|l} 188 & \begin{array}{l} 160 \\ 240 \end{array} \end{array} \begin{array}{l} 52 = 13 \\ 28 = 7 \end{array}$$

$$20$$

$$20 = 100 = 13 = \mathfrak{X} = 65^{\text{反}}$$

$$20 = 100 = 7 = \mathfrak{X} = 35$$

(84)

$$\begin{array}{r|l} 50 & \begin{array}{l} 40 \\ 45 \\ 50 \\ 65 \end{array} \end{array} \begin{array}{l} 6+15 = 21 \\ 15 = 15 \\ 10 = 10 \\ 10+5 = 15 \end{array}$$

$$21 = 25 = 15 = \mathfrak{X} = 17 \frac{6}{7}$$

$$21 = 25 = 10 = \mathfrak{X} = 11 \frac{10}{21}$$

(85)

$$\begin{array}{r|l} 10 & \begin{array}{l} 6 \\ 8 \\ 12 \end{array} \end{array} \begin{array}{l} 2 = 1 \\ 2 = 1 \\ 4+2 = 3 \end{array}$$

$$5$$

$$5 = 75 = 1 = \mathfrak{X} = 15^{\text{反}}$$

$$5 = 75 = 3 = \mathfrak{X} = 45$$

(81)

$$\begin{array}{r|l} 7816 & \begin{array}{l} 7100 \\ 8000 \\ 8500 \end{array} \end{array} \begin{array}{l} 184+681 = 217 \\ 716 = 179 \\ 716 = 179 \end{array}$$

$$575 = 217 = 100 = \mathfrak{X} = 575$$

$$\mathfrak{X} = 37 \frac{17}{23}$$

$$575 = 179 = 100 = \mathfrak{X}$$

$$\mathfrak{X} = 31 \frac{3}{23}$$

(82)

$$360 \times 320 = 115200$$

$$400 \times 320 = 128000$$

$$640 \quad 243200$$

$$\begin{array}{r|l} 385 & \begin{array}{l} 380 \\ 390 \end{array} \end{array} \begin{array}{l} 5 \\ 5 \end{array}$$

$$5 = 640 = 5 = \mathfrak{X}$$

$$\mathfrak{X} = 640^{\text{構}}$$

(97)

$$\begin{array}{l}
 250 \left| 77 \frac{1}{7} = \frac{540}{7} \right. \\
 382 \frac{6}{7} \left| 390 \right. 77 \frac{1}{7} = \frac{540}{7} \\
 460 \left| \text{軸ノ三分一ナルヲ以テ} \right. \\
 77 \frac{1}{7} \times \frac{1}{3} = \frac{540}{21} \\
 \hline
 \frac{3780}{21}
 \end{array}$$

$$\frac{3780}{21} = \frac{540}{7} = 210 = \text{ㄥ}$$

$$\text{ㄥ} = 90 \text{ 細軸各}$$

$$\frac{3780}{21} = \frac{540}{21} = 210 = \text{ㄥ}$$

$$\text{ㄥ} = 30 \text{ 細}$$

(96)

$$\begin{array}{l}
 5 = 4 = 125 \\
 7 = 5 = 14 \\
 3 = 2 = 15 \\
 125 \left| \begin{array}{l} 125 \\ 140 \\ 150 \end{array} \right. \begin{array}{l} 25 \\ 25 \\ 15 \end{array} \\
 \hline
 65
 \end{array}$$

$$65 = 121 \frac{4}{5} = 25 = \text{ㄥ}$$

$$\text{ㄥ} = 40 \frac{1}{13} \text{ 偶}$$

$$65 = 121 \frac{4}{5} = 25 = \text{ㄥ}$$

$$\text{ㄥ} = 46 \frac{11}{13}$$

$$65 = 121 \frac{4}{5} = 15 = \text{ㄥ}$$

$$\text{ㄥ} = 28 \frac{7}{65}$$

(94)

$$\begin{array}{l}
 205 = 55 \\
 \frac{410}{11} \left| \begin{array}{l} 31 \\ 38 \\ 43 \end{array} \right. \begin{array}{l} \frac{8}{11} = \frac{8}{11} \\ \frac{69}{11} - \frac{63}{11} = \frac{132}{11} \\ \frac{8}{11} = \frac{8}{11} \end{array} \\
 \hline
 \frac{148}{11}
 \end{array}$$

$$148 = 8 = 550 = \text{ㄥ}$$

$$\text{ㄥ} = 29 \frac{27}{37}$$

$$148 = 132 = 550 = \text{ㄥ}$$

$$\text{ㄥ} = 490 \frac{20}{37} \text{ 依}$$

(95)

$$\begin{array}{l}
 40 \left| \begin{array}{l} \frac{751}{3 \times 5} \\ \frac{300}{10} \end{array} \right. \begin{array}{l} \frac{100}{10} \\ \frac{151}{15} \end{array} \\
 \hline
 \frac{302 + 300}{30}
 \end{array}$$

$$\frac{602}{30} = \frac{100}{10} = 157 = \text{ㄥ}$$

$$\text{ㄥ} = 78 \frac{72}{301} \text{ 瓶}$$

$$\frac{602}{30} = \frac{151}{15} = 157 = \text{ㄥ}$$

$$\text{ㄥ} = 78 \frac{229}{301}$$

(92)

$$\begin{array}{l}
 100 \left| \begin{array}{l} 100 \\ 25 \end{array} \right. \begin{array}{l} 75 \\ 0 \end{array} \\
 75 = 100 = (389 - 323) = \text{ㄥ} \\
 \text{ㄥ} = 88 \\
 323 = 88 = 389 = \text{ㄥ} \\
 \text{ㄥ} = 10598 + \\
 75 = 100 = 88 = \text{ㄥ} \\
 \text{ㄥ} = 11733 + \text{升}
 \end{array}$$

(93)

$$\begin{array}{l}
 25 \left| \begin{array}{l} 12 \\ 30 \end{array} \right. \begin{array}{l} 5 \\ 73 \end{array} \\
 13 = 520 = 5 = \text{ㄥ} \\
 \text{ㄥ} = 200 \text{ 本}
 \end{array}$$

平均法答式

(100)

$$3 = 72 = 1 = x^{\text{甲}} \quad 24$$

$$2 = 46 = 1 = x^{\text{乙}} \quad 23$$

$$5 = 105 = 1 = x^{\text{丙}} \quad 21$$

$$6 = 114 = 1 = x^{\text{丁}} \quad 19$$

$$462 = 21 = 22$$

$$\begin{array}{r} 22 \left| \begin{array}{l} 24 \\ 23 \\ 21 \\ 19 \end{array} \right. \begin{array}{l} 1 \\ 3 \\ 2 \\ 1 \end{array} \\ \hline 7 \end{array}$$

$$7 = 1 = 21 = x \\ x = 3^{\text{甲}}$$

$$7 = 3 = 21 = x \\ x = 9^{\text{乙}}$$

$$7 = 2 = 21 = x \\ x = 6^{\text{丙}}$$

$$7 = 1 = 21 = x \\ x = 3^{\text{丁}}$$

$$3 = 3 = 72 = x \\ x = 72^{\text{甲}}$$

$$2 = 46 = 9 = x \\ x = 207^{\text{乙}}$$

$$5 = 105 = 6 = x \\ x = 126^{\text{丙}}$$

$$6 = 114 = 3 = x \\ x = 57^{\text{丁}}$$

(98)

$$5880 = 12 = 490$$

$$100 = 10 = 5000 = x$$

$$x = 500^{\text{甲}}$$

$$490 \left| \begin{array}{l} 500 \\ 480 \end{array} \right. \begin{array}{l} 10 \\ 10 \end{array} \\ \hline 20$$

$$100 = 8 = 6000 = x$$

$$x = 480$$

$$20 = 10 = 12 = x$$

$$x = 6^{\text{甲}}$$

$$6 \times 500 = 3000^{\text{甲}}$$

$$6 \times 480 = 2880^{\text{乙}}$$

(99)

$$1620 = 30 = 54$$

$$54 \left| \begin{array}{l} 60 \\ 50 \end{array} \right. \begin{array}{l} 4 \\ 6 \end{array} \\ \hline$$

$$10 = 4 = 30 = x$$

$$x = 12^{\text{甲}}$$

$$10 = 6 = 30 = x$$

$$x = 18^{\text{乙}}$$

$$18 \times 50 = 900^{\text{乙}}$$

$$12 \times 60 = 720^{\text{甲}}$$

(10)
 $3 \times 15 = 45$
 $4 \times 25 = 100$
 $\begin{array}{r} 40 \overline{) 145 + 9} \\ 160 \end{array}$
 $x = 3.85$

(11)
 $23 \times 40 = 920$
 $19 \times 54 = 1026$
 $\begin{array}{r} 100 \overline{) 1946} \\ 1900 \end{array}$
 $x = 19.46$

(12)
 $50 \times 12 = 600$
 $60 \times 14 = 840$
 $40 \times 10 = 400$
 $\begin{array}{r} 42 \overline{) 1840} \\ 1680 \end{array}$
 $x = 43.8$

(7)
 $18 \times 36 = 648$
 $30 \times 34 = 1020$
 $\begin{array}{r} 70 \overline{) 1668} \\ 1400 \end{array}$
 $x = 23.82$

(8)
 $35 \times 100 = 3500$
 $20 \times 300 = 6000$
 $\begin{array}{r} 400 \overline{) 9500} \\ 4000 \end{array}$
 $x = 23.75$

(9)
 $20 \times 8 = 160$
 $15 \times 12 = 180$
 $\begin{array}{r} 20 \overline{) 340} \\ 200 \end{array}$
 $x = 17$

(4)
 $85 \times 10 = 850$
 $95 \times 12 = 1140$
 $11 \times 16 = 1760$
 $\begin{array}{r} 38 \overline{) 3750} \\ 304 \end{array}$
 $x = 98 \frac{13}{19}$

(5)
 $1 \times 90 = 90$
 $\frac{21}{24} \times 96 = 84$
 $\frac{11}{12} \times 108 = 99$
 $\frac{10}{12} \times 126 = 105$
 $\begin{array}{r} 420 \overline{) 378} \\ 420 \end{array}$
 $420 = 4914 = 12 = x$
 $x = 14.04$

(6)
 $25 \times 15 = 375$
 $30 \times 52 = 1560$
 $35 \times 40 = 1400$
 $\begin{array}{r} 107 \overline{) 3335} \\ 1070 \end{array}$
 $x = 31.17$

(1)
 $80 \times 40 = 3200$
 $70 \times 25 = 1750$
 $150 \times 15 = 2250$
 $\begin{array}{r} 80 \overline{) 7200} \\ 6400 \end{array}$
 $x = 90$

(2)
 $100 \times 12 = 1200$
 $150 \times 5 = 750$
 $\begin{array}{r} 17 \overline{) 1950} \\ 1190 \end{array}$
 $1950 \times 1.1 = 2145$
 $x = 126 \frac{3}{17}$

(3)
 $35 \times 52 = 1820$
 13
 $\begin{array}{r} 65 \overline{) 1820} \\ 1300 \end{array}$
 $x = 28$
 $28 \times 10625 = 2975$

小學算術全書卷之五

(22)

$$2 \times 300 = 600$$

$$125 \times 500 = 625$$

$$\begin{array}{r} 800 \overline{) 1225} \\ 6400 \end{array}$$

$$x = 1.5325$$

(23)

$$9 \times 800 = 7200$$

$$6 \times 320 = 19200$$

$$\begin{array}{r} 8 \overline{) 4000} \\ 26408 \end{array}$$

$$x = 6.602$$

(24)

$$13 \times 500 = 6500$$

$$42 \times 250 = 10500$$

$$35 \times 621 = 21840$$

$$\begin{array}{r} 1374 \overline{) 28340} \\ 22820 \end{array}$$

$$x = 28.20$$

$$38 - 20.62 = 9.74$$

(19)

$$25 \times 150 = 3750$$

$$30 \times 1272 = 38160$$

$$185 \times 500 = 9250$$

$$\begin{array}{r} 1922 \overline{) 51160} \\ 38440 \end{array}$$

$$x = 26.62$$

(20)

$$40 \times 12 = 480$$

$$60 \times 12 = 720$$

$$50 \times 12 = 600$$

$$\begin{array}{r} 40 \overline{) 1800} \\ 1200 \end{array}$$

$$x = 45$$

(21)

$$2 \times 4 = 8$$

$$25 \times 6 = 150$$

$$\begin{array}{r} 10 \overline{) 23} \\ 20 \end{array}$$

$$x = 2.3$$

(16)

$$20 \times 2000 = 40000$$

$$25 \times 3000 = 75000$$

$$\begin{array}{r} 10 \overline{) 5000} \\ 115010 \end{array}$$

$$x = 23.5$$

(17)

$$350 \times 370 = 129500$$

$$400 \times 225 = 90000$$

$$\begin{array}{r} 595 \overline{) 219500} \\ 239250 \end{array}$$

$$595 - 219500 = 25 = x$$

$$x = 92.22$$

(18)

$$255 \times 7005 = 1786275$$

$$36\frac{1}{3} \times 500 = 18166.6$$

$$15 \times 220 = 3300$$

$$\begin{array}{r} 7725 \overline{) 200094.1} \\ 25920 \end{array}$$

$$x = 25.92$$

$$25.92 \times 12 \times 10 = 311.04$$

(13)

$$525 \times 18 = 9450$$

$$405 \times 27 = 10935$$

$$\begin{array}{r} 45 \overline{) 20385} \\ 18225 \end{array}$$

$$x = 453$$

$$453 \times 1.05 = 47565$$

(14)

$$60 \times 20 = 1200$$

$$70 \times 10 = 700$$

$$50 \times 50 = 2500$$

$$\begin{array}{r} 80 \overline{) 4400+5} \\ 4000 \end{array}$$

$$x = 55$$

(15)

$$40 \times 50 = 2000$$

$$20 \times 150 = 3000$$

$$\begin{array}{r} 50 \overline{) 200} \\ 1000 \end{array}$$

$$x = 25.25$$

(33) $125 \times 1000 = 125000$ $99 \times 1600 = 158400$ $\begin{array}{r} 2600 \\ \hline 283400 \end{array}$ $x = 109^{\frac{2}{3}}$ $12 - 1 = 109 = x$ $x = 90.8+$	(30) $14 \times 360 = 5040$ $12 \times 420 = 5040$ $10 \times 580 = 5800$ $\begin{array}{r} 1360 \\ \hline 15880 \end{array}$ $x = 116+$ $117 \times 11 = 1276^{\frac{2}{3}}$
(34) $56 \times 120 = 6720$ $70 \times 160 = 11200$ $\begin{array}{r} 280 \\ \hline 17020 \end{array}$ $x = 64^{\frac{2}{3}}$ $64 \times 17 = 1088^{\frac{2}{3}}$	(31) $150 \times 5 = 750$ $75 \times 3 = 225$ $\begin{array}{r} 300 \\ \hline 8 \\ \hline 1275 \end{array}$ $x = 159.375^{\frac{2}{3}}$
(35) $120 \times 50 = 6000$ $130 \times 60 = 7800$ $\begin{array}{r} 110 \\ \hline 13800 \end{array}$ $110 = 13800 = 14 = x$ $x = 17.56^{\frac{2}{3}}$	(32) $30 \times 30 = 900$ $40 \times 40 = 1600$ $\begin{array}{r} 70 \\ \hline 2500 \end{array}$ $70 = 2500 = 1 = x$ $x = 35^{\frac{2}{3}}$

(27) $100 \times 500 = 50000$ $80 \times 300 = 24000$ $\begin{array}{r} 74000 \\ \hline 20 \\ \hline 800 \\ \hline 74020 \end{array}$ $x = 92.525^{\frac{2}{3}}$	(25) $150 \times 100 = 15000$ $50 \times 300 = 15000$ $28 \times 100 = 2800$ $130 \times 520 = 67600$ $75 \times 235 = 17625$ $\begin{array}{r} 1255 \\ \hline 118025 \end{array}$ $x = 92.4+$
(28) $40 \times 2 = 80$ $30 \times 6 = 180$ $\begin{array}{r} 8 \\ \hline 560 \end{array}$ $x = 70^{\frac{2}{3}}$	(26) $250 \times 76 = 19000$ $5125 \times 150 = 76875$ $675 \times 28 = 18900$ $1125 \times 325 = 365625$ $340 \times 26 = 8840$ $\begin{array}{r} 604 \\ \hline 1599275 \end{array}$ $x = 264.75^{\frac{2}{3}}$ $264.75 \times 1.06 = 280.635$
(29) $30 \times 30 = 900$ $40 \times 25 = 1000$ $20 \times 50 = 1000$ $\begin{array}{r} 5 \\ \hline 110 \\ \hline 2900 \end{array}$ $x = 20.36^{\frac{2}{3}}$	

(45) $\begin{array}{r} 62 \times 12000 = 744000 \\ 70 \times 50020000 = 3501400000 \\ 50 \times 37325 = 1866250 \\ 45 \times 7478 = 336510 \\ 40 \times 562.33+ = 224932 \\ 35 \times 9282 = 32487 \end{array}$ 50078293333 = 350406522232 $x = 69.978+$	(42) $\begin{array}{r} 3 \times 570 = 1710 \\ 4 \times 300 = 1200 \\ 5 \times 275 = 1375 \\ \hline 1145 \quad 4285 \\ x = 3742+ \\ 45 - 3742 = 75.8+ \end{array}$ (43) $\begin{array}{r} 35 \times 2000 = 70000 \\ 45 \times 3000 = 135000 \\ 25 \times 4000 = 100000 \\ \hline 9000 \quad 305000 \\ x = 33.89- \\ 38 - 3389 = 41.1 \end{array}$
(46) $\begin{array}{r} 250 \times 12 = 3000 \\ 180 \times 7 = 1260 \\ 400 \times 4 = 1600 \\ \hline 23 \quad 5860 \\ x = 2.547+ \end{array}$	(44) $\begin{array}{r} 25 \times 35 = 875 \\ 20 \times 40 = 800 \\ \hline 75 \quad 1675 \\ x = 22.33+ \\ 22.33 \times 1.03075 = 23.01664 \\ 75 \times 18 = 4^{14} 29+ \end{array}$

(39) $\begin{array}{r} 75 \times 300 = 22500 \\ 56 \times 602 = 33712 \\ \hline 902 \quad 56212 \\ x = 62.32^e \\ 62.32 \times 112 = 69.7684 \end{array}$	(36) $\begin{array}{r} 412 \times 460 = 189520 \\ 532 \times 460 = 244720 \\ 744 \times 460 = 342240 \\ \hline 1380 \quad 776480 \\ x = 562^{18}_{23} \end{array}$
(40) $\begin{array}{r} 62 \times 36 = 2232 \\ 45 \times 42 = 1890 \\ 30 \times 50 = 1500 \\ \hline 128 \quad 5622 \\ x = 43.9+ \\ 43.9 \times 107 = 469.73 \end{array}$	(37) $\begin{array}{r} 72 \times 12 = 864 \\ 32 \times 24 = 768 \\ 12 \times 64 = 768 \\ \hline 100 \quad 2400 \\ x = 24^m \end{array}$
(41) $\begin{array}{r} 3715 \times 3 = 11145 \\ 2022 \times 2 = 4044 \\ \hline 10730 \\ 5 \quad 25910 \\ x = 5183.8 \\ x = 172^{23.8}_{23} \end{array}$	(38) $\begin{array}{r} 312 \times 30 = 9360 \\ 412 \times 50 = 20600 \\ \hline 12 \\ 80 \quad 20972 \\ x = 374^{13}_{30} \end{array}$

(50)

$$4 = 110 = 210 = 5775$$

$$12 = 291 = 144$$

$$34992$$

$$15 = 270 = 45 = 810$$

$$210 = 5775$$

$$144 = 34992$$

$$45 = 810$$

$$\begin{array}{r|l} 399 & 100842 \end{array}$$

$$2527 + \text{一匹價}$$

$$2527 \times 1123456$$

利

$$= 28.3897.3312$$

(49)

$$12 = 30 = 320 = 800$$

$$20 = 8240 = 412$$

$$169744$$

$$7 = 42 = 120 = x = 720$$

$$320 = 800$$

$$412 = 169744$$

$$120 = 720$$

$$852 = 331744$$

$$852 = 331744 = 15 = x$$

$$x = 41.33^{\frac{1}{2}} +$$

(47)

$$12 \times 300 = 3600$$

$$6 \times 70 = 420$$

$$8 \times 120 = 960$$

$$\begin{array}{r|l} 490 & 4980 \end{array}$$

$$\frac{498}{49} \times \frac{11025}{10000}$$

$$= 11.205^{\frac{1}{2}} \times 7$$

$$= 78.435$$

(48)

$$25 = 15 = 275 = x = 165$$

$$30 = 33 = 360 = x = 396$$

$$275 = 165$$

$$360 = 396$$

$$\begin{array}{r|l} 635 & 461 \end{array}$$

$$x = 72.59^{\frac{1}{2}} +$$

小學算全書卷之十一

小林正方校

小學算全書卷之十二終

神奈川縣 師範學校		小林義則編輯書目		書 力 學 部 門 同 居 伊 藤 解 後 記	
改正	小學書取本	全	二	小學讀本字引	全
小學	通常物問答	全	一	縮日本地誌略字引	全
小學	人體部分問答	全	一	日本略史字解	全
同	附圖	一軸	一	萬國地誌略字引	全
小學	口授文	兼用原稿 冊	一	日本略史問答	全
小學	作文千五百題	全	一	日本地誌略問答	全
小學	算全書	上 原	一	小學教授要本	全
小學	和算新書	八冊	一	裁縫新書	全
同	算教授書	卷五 成	一	諸禮新書	全

1973
1974

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卷之十三