

溫習題 1a

$$1) 8+6$$

$$=$$

$$\begin{array}{r} 8 \\ + 6 \\ \hline \end{array}$$

溫習題 1a

$$1) 8+6$$

$$=14$$

$$\begin{array}{r} 8 \\ + 6 \\ \hline 14 \end{array}$$

$$2) 15+8$$

$$=$$

$$\begin{array}{r} 15 \\ + 8 \\ \hline \end{array}$$

$$2) 15+8$$

$$=23$$

$$\begin{array}{r} 15 \\ + 8 \\ \hline 23 \end{array}$$

$$3) 18+13$$

$$=$$

$$\begin{array}{r} 18 \\ + 13 \\ \hline \end{array}$$

$$3) 18+13$$

$$=31$$

$$\begin{array}{r} 18 \\ + 13 \\ \hline 31 \end{array}$$

$$4) 32+39$$

$$=$$

$$\begin{array}{r} 32 \\ + 39 \\ \hline \end{array}$$

$$4) 32+39$$

$$=71$$

$$\begin{array}{r} 32 \\ + 39 \\ \hline 71 \end{array}$$

溫習題 2a

$$1) 7 - 6 =$$

$$\begin{array}{r} 7 \\ - 6 \\ \hline \end{array}$$

溫習題 2a

$$1) 7 - 6 = 1$$

$$\begin{array}{r} 7 \\ - 6 \\ \hline 1 \end{array}$$

$$2) 74 - 12 =$$

$$\begin{array}{r} 74 \\ - 12 \\ \hline \end{array}$$

$$2) 74 - 12 = 62$$

$$\begin{array}{r} 74 \\ - 12 \\ \hline 62 \end{array}$$

$$3) 27 - 15 =$$

$$\begin{array}{r} 27 \\ - 15 \\ \hline \end{array}$$

$$3) 27 - 15 = 12$$

$$\begin{array}{r} 27 \\ - 15 \\ \hline 12 \end{array}$$

$$4) 60 - 20 - 10 =$$

$$\begin{array}{r} 60 \\ - 14 \\ \hline \\ - 10 \\ \hline \end{array}$$

$$4) 60 - 20 - 10 = 46 - 10 = 36$$

$$\begin{array}{r} 60 \\ - 14 \\ \hline 46 \\ - 10 \\ \hline 36 \end{array}$$

速算題(加法)3a

$$\begin{aligned} \text{例： } & 1+13+12+9+17+8 \\ & =1+9+13+17+12+8 \\ & =10+30+20 \\ & =60 \end{aligned}$$

$$\begin{aligned} 1) & 9+7+1+3 \\ & =9+(\quad)+7+(\quad) \\ & =(\quad)+(\quad) \\ & =(\quad) \end{aligned}$$

$$\begin{aligned} 2) & 18+13+2+17 \\ & =18+(\quad)+(\quad)+(\quad) \\ & =(\quad)+(\quad) \\ & =(\quad) \end{aligned}$$

$$\begin{aligned} 3) & 22+19+18+11 \\ & =(\quad)+(\quad)+(\quad)+(\quad) \\ & =(\quad)+(\quad) \\ & =(\quad) \end{aligned}$$

$$\begin{aligned} 4) & 33+39+7+11 \\ & =(\quad)+(\quad)+(\quad)+(\quad) \\ & =(\quad)+(\quad) \\ & =(\quad) \end{aligned}$$

速算題(加法)3a

$$\begin{aligned} \text{例： } & 1+13+12+9+17+8 \\ & =1+9+13+17+12+8 \\ & =10+30+20 \\ & =60 \end{aligned}$$

$$\begin{aligned} 1) & 9+7+1+3 \\ & =9+(\mathbf{1})+7+(\mathbf{3}) \\ & =(\mathbf{10})+(\mathbf{10}) \\ & =(\mathbf{20}) \end{aligned}$$

$$\begin{aligned} 2) & 18+13+2+17 \\ & =18+(\mathbf{2})+(\mathbf{13})+(\mathbf{7}) \\ & =(\mathbf{20})+(\mathbf{30}) \\ & =(\mathbf{50}) \end{aligned}$$

$$\begin{aligned} 3) & 22+19+18+11 \\ & =(\mathbf{22})+(\mathbf{18})+(\mathbf{19})+(\mathbf{11}) \\ & =(\mathbf{40})+(\mathbf{30}) \\ & =(\mathbf{70}) \end{aligned}$$

$$\begin{aligned} 4) & 33+39+7+11 \\ & =(\mathbf{33})+(\mathbf{7})+(\mathbf{39})+(\mathbf{11}) \\ & =(\mathbf{40})+(\mathbf{50}) \\ & =(\mathbf{90}) \end{aligned}$$

速算題(加減法)4a

$$\text{例： } 19+7-9$$

$$=19-9+7$$

$$=10+7$$

$$=17$$

$$1) 18+7-8$$

$$=18-(\quad)+(\quad)$$

$$=(\quad)+(\quad)$$

$$=(\quad)$$

$$2) 15+19-5$$

$$=(\quad)-(\quad)+(\quad)$$

$$=(\quad)+(\quad)$$

$$=(\quad)$$

$$3) 34+17-14$$

$$=(\quad)-(\quad)+(\quad)$$

$$=(\quad)+(\quad)$$

$$=(\quad)$$

$$4) 77+18-17$$

$$=(\quad)-(\quad)+(\quad)$$

$$=(\quad)+(\quad)$$

$$=(\quad)$$

速算題(加減法)4a

$$\text{例： } 19+7-9$$

$$=19-9+7$$

$$=10+7$$

$$=17$$

$$1) 18+7-8$$

$$=18-(\mathbf{8})+(\mathbf{7})$$

$$=(\mathbf{10})+(\mathbf{7})$$

$$=(\mathbf{17})$$

$$2) 15+19-5$$

$$=(\mathbf{15})-(\mathbf{5})+(\mathbf{19})$$

$$=(\mathbf{10})+(\mathbf{19})$$

$$=(\mathbf{29})$$

$$3) 34+17-14$$

$$=(\mathbf{34})-(\mathbf{14})+(\mathbf{17})$$

$$=(\mathbf{20})+(\mathbf{17})$$

$$=(\mathbf{37})$$

$$4) 77+18-17$$

$$=(\mathbf{77})-(\mathbf{17})+(\mathbf{18})$$

$$=(\mathbf{60})+(\mathbf{18})$$

$$=(\mathbf{78})$$

溫習題 1b

- 1) 2500 毫升 = () 升 () 毫升
- 2) 70000 mL = () L
- 3) 4 分鐘 4 秒 = () 秒
- 4) 2000 米 = () 公里
- 5) 2 公里 = () 米
- 6) 13:15 = () 午 () 時 () 分

填寫適當的單位

- 7) 一個書包重 3 ()
- 8) 一盒紙包飲品的容量約 250 ()

溫習題 1b

- 1) 2500 毫升 = (2) 升 (500) 毫升
- 2) 70000 mL = (70) L
- 3) 4 分鐘 4 秒 = (244) 秒
- 4) 2000 米 = (2) 公里
- 5) 2 公里 = (2000) 米
- 6) 13:15 = (下) 午 (1) 時 (15) 分

填寫適當的單位

- 7) 一個書包重 3 (kg / 公斤)
- 8) 一盒紙包飲品的容量約 250 (mL / 毫升)

溫習題 2b

$$1) 70 - (60 - 11) =$$

$$2) 345 - 123 + 135 =$$

$$3) 7000 - 2345 + 1711 =$$

$$4) (9 + 4) \times 3 =$$

$$5) (18 - 2) \times 4 =$$

$$6) 12 \times 8 - 26 =$$

$$7) 80 - (77 - 21) =$$

$$8) (90 - 20) \times 2 =$$

溫習題 2b

$$1) 70 - (60 - 11) = \mathbf{21}$$

$$2) 345 - 123 + 135 = \mathbf{357}$$

$$3) 7000 - 2345 + 1711 = \mathbf{6366}$$

$$4) (9 + 4) \times 3 = \mathbf{39}$$

$$5) (18 - 2) \times 4 = \mathbf{64}$$

$$6) 12 \times 8 - 26 = \mathbf{70}$$

$$7) 80 - (77 - 21) = \mathbf{24}$$

$$8) (90 - 20) \times 2 = \mathbf{140}$$

速算題(除、乘)3b

例：5 $\boxed{\div 2}$ $\boxed{\times 4}$
 $\swarrow \quad \nearrow$
 $= 5 \boxed{\times 4} \boxed{\div 2}$
 $= 20 \div 2$
 $= 10$

速算題(除、乘)3b

例：5 $\boxed{\div 2}$ $\boxed{\times 4}$
 $\swarrow \quad \nearrow$
 $= 5 \boxed{\times 4} \boxed{\div 2}$
 $= 20 \div 2$
 $= 10$

<p>1) $8 \div 3 \times 6$ $= 8 \times () \div ()$ $= () \div ()$ $= ()$</p>	<p>2) $9 \div 4 \times 8$ $= 9 () () () ()$ $= () () ()$ $=$</p>	<p>1) $8 \div 3 \times 6$ $= 8 \times (6) \div (3)$ $= (48) \div (3)$ $= (16)$</p>	<p>2) $9 \div 4 \times 8$ $= 9 (x) (8) (\div) (4)$ $= (72) (\div) (4)$ $= 18$</p>
<p>3) $7 \div 5 \times 10$ $=$ $=$ $=$</p>	<p>4) $9 \div 2 \times 8$ $=$ $=$ $=$</p>	<p>3) $7 \div 5 \times 10$ $= 70 \times 10 \div 5$ $= 70 \div 5$ $= 14$</p>	<p>4) $9 \div 2 \times 8$ $= 9 \times 8 \div 2$ $= 72 \div 2$ $= 36$</p>

速算題(乘、加、減)4b

速算題(乘、加、減)4b

1) $2 \times 9 + 3 \times 9$

$= (\quad + \quad) \times 9$

=

=

2) $3 \times 6 + 4 \times 6$

$= (\quad + \quad) \times (\quad)$

=

=

1) $2 \times 9 + 3 \times 9$

$= (2+3) \times 9$

$= 5 \times 9$

$= 45$

2) $3 \times 6 + 4 \times 6$

$= (3+4) \times (6)$

$= 7 \times 6$

$= 42$

3) $11 \times 4 - 9 \times 4$

$= (\quad - \quad) \times (\quad)$

=

=

4) $27 \div 3 + 63 \div 3$

$= (\quad + \quad) \div 3$

=

=

3) $11 \times 4 - 9 \times 4$

$= (11-9) \times (4)$

$= 2 \times 4$

$= 8$

4) $27 \div 3 + 63 \div 3$

$= (27+63) \div 3$

$= 90 \div 3$

$= 30$

5) $16 \div 8 + 24 \div 8$

$= (\quad + \quad) \div (\quad)$

$= (\quad) \div (\quad)$

=

6) $49 \div 7 - 14 \div 7$

$= (\quad - \quad) \div (\quad)$

$= (\quad) \div (\quad)$

=

5) $16 \div 8 + 24 \div 8$

$= (16+24) \div (8)$

$= (40) \div (8)$

$= 5$

6) $49 \div 7 - 14 \div 7$

$= (49-14) \div (7)$

$= (35) \div (7)$

$= 5$

溫習題 1c

溫習題 1c

1) $6.2+1.12$
=

2) $10-0.01$
=

1) $6.2+1.12$
= **7.32**

2) $10-0.01$
= **9.99**

3) $\frac{1}{5}+\frac{1}{6}$
=
=

4) 1.25×4
= _____

3) $\frac{1}{5}+\frac{1}{6}$
= $\frac{1+5}{30}$
= $\frac{11}{30}$

4) 1.25×4
= **5**

5) $1\frac{1}{2}$ 小時
= _____ 分鐘

6) 3 分鐘 3 秒
= _____ 秒

5) $1\frac{1}{2}$ 小時
= **90** 分鐘

6) 3 分鐘 3 秒
= **183** 秒

溫習題 2c

溫習題 2c

$$1) 2\frac{1}{2} \div 10$$

$$=$$

$$=$$

$$=$$

$$2) 2\frac{3}{8} \div \frac{19}{32}$$

$$=$$

$$=$$

$$=$$

$$1) 2\frac{1}{2} \div 10$$

$$= \frac{5}{2} \times \frac{1}{10}$$

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

$$2) 2\frac{3}{8} \div \frac{19}{32}$$

$$= \frac{19}{8} \times \frac{32}{19}$$

$$= 4$$

3) $d - 13 = 13$

4) Q 乘以 15 再
除以 60
可寫成

3) $d - 13 = 13$

$$d = 13 + 13$$

$$d = 26$$

4) Q 乘以 15 再
除以 60

可寫成

$$\frac{15Q}{16}$$

5) 如果 $Q = 5$

$$4Q - 18$$

$$= 4 \times (\quad) - 18$$

$$= (\quad) - 18$$

$$=$$

6) 如果 $Q = 5$

$$\frac{Q}{15} + 11$$

$$=$$

$$=$$

5) 如果 $Q = 5$

$$4Q - 18$$

$$= 4 \times (5) - 18$$

$$= (20) - 18$$

$$= 2$$

6) 如果 $Q = 5$

$$\frac{Q}{15} + 11$$

$$= \frac{5}{15} + 11$$

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

速算題(連續數之和) 3c

$$\begin{aligned}\text{例： } & 1+2+3+4+5+6+7+8+9+10 \\ & = (1+10) \times 10 \div 2 \\ & = 11 \times 10 \div 2 \\ & = 55\end{aligned}$$

即(第一個數 + 最後一個數) × 數字的項數 ÷ 2
= (頭 + 尾) × 項數 ÷ 2

$$\begin{aligned}1) & 1+2+3+4+5+6 \\ & = (\square + \square) \times 6 \div 2 \\ & = \square \times 6 \div 2 \\ & = \square\end{aligned}$$

$$\begin{aligned}2) & 2+3+4+5+6 \\ & = (\square + \square) \times 5 \div 2 \\ & = \square \times 5 \div 2 \\ & = \square\end{aligned}$$

$$\begin{aligned}3) & 12+13+14+15+16+17+18 \\ & = (12 + \square) \times \square \div 2 \\ & = \\ & =\end{aligned}$$

速算題(連續數之和) 3c

$$\begin{aligned}\text{例： } & 1+2+3+4+5+6+7+8+9+10 \\ & = (1+10) \times 10 \div 2 \\ & = 11 \times 10 \div 2 \\ & = 55\end{aligned}$$

即(第一個數 + 最後一個數) × 數字的項數 ÷ 2
= (頭 + 尾) × 項數 ÷ 2

$$\begin{aligned}1) & 1+2+3+4+5+6 \\ & = (\square 1 + \square 6) \times 6 \div 2 \\ & = \square 7 \times 6 \div 2 \\ & = \square 21\end{aligned}$$

$$\begin{aligned}2) & 2+3+4+5+6 \\ & = (\square 2 + \square 6) \times 5 \div 2 \\ & = \square 8 \times 5 \div 2 \\ & = \square 20\end{aligned}$$

$$\begin{aligned}3) & 12+13+14+15+16+17+18 \\ & = (12 + \square 18) \times \square 7 \div 2 \\ & = 30 \times 7 \div 2 \\ & = 105\end{aligned}$$

速算題(連續數之和)4c

1) $2+4+6+8+10$

$=(\square + \square) \times 5 \div 2$

$=\square \times 5 \div 2$

$=\square$

速算題(連續數之和)4c

1) $2+4+6+8+10$

$=(\square 2 + \square 10) \times 5 \div 2$

$=\square 12 \times 5 \div 2$

$=\square 30$

2) $1+3+5+7+9+11$

$=(\square + \square) \times \square \div 2$

$=\square \times \square \div 2$

$=\square$

2) $1+3+5+7+9+11$

$=(\square 1 + \square 11) \times \square 6 \div 2$

$=\square 12 \times \square 6 \div 2$

$=\square 36$

3) $1+2+3+\dots\dots+18+19+20$

$=(\square + \square) \times \square \div \square$

$=\square \times \square \div \square$

$=\square$

3) $1+2+3+\dots\dots+18+19+20$

$=(\square 1 + \square 20) \times \square 20 \div \square 2$

$=\square 21 \times \square 20 \div \square 2$

$=\square 210$