

溫習題 1a

$$1) 3+6$$

$$=$$

$$\begin{array}{r} 3 \\ + 6 \\ \hline \end{array}$$

溫習題 1a

$$1) 3+6$$

$$=9$$

$$\begin{array}{r} 3 \\ + 6 \\ \hline \end{array}$$

$$2) 5+8$$

$$=$$

$$\begin{array}{r} 5 \\ + 8 \\ \hline \end{array}$$

$$2) 5+8$$

$$=13$$

$$\begin{array}{r} 5 \\ + 8 \\ \hline \end{array}$$

$$3) 6+11$$

$$=$$

$$\begin{array}{r} 6 \\ + 11 \\ \hline \end{array}$$

$$3) 6+11$$

$$=17$$

$$\begin{array}{r} 6 \\ + 11 \\ \hline \end{array}$$

$$4) 14+15$$

$$=$$

$$\begin{array}{r} 14 \\ + 15 \\ \hline \end{array}$$

$$4) 14+15$$

$$=29$$

$$\begin{array}{r} 14 \\ + 15 \\ \hline \end{array}$$

溫習題 2a

$$1) 12+34$$

$$=$$

$$\begin{array}{r} 12 \\ + 34 \\ \hline \end{array}$$

溫習題 2a

$$1) 12+34$$

$$=46$$

$$\begin{array}{r} 12 \\ + 34 \\ \hline \end{array}$$

$$2) 25+23$$

$$=$$

$$\begin{array}{r} 25 \\ + 23 \\ \hline \end{array}$$

$$2) 25+23$$

$$=48$$

$$\begin{array}{r} 25 \\ + 23 \\ \hline \end{array}$$

$$3) 14+17$$

$$=$$

$$\begin{array}{r} 14 \\ + 17 \\ \hline \end{array}$$

$$3) 14+17$$

$$=31$$

$$\begin{array}{r} 14 \\ + 17 \\ \hline \end{array}$$

$$4) 34+36$$

$$=$$

$$\begin{array}{r} 36 \\ + 14 \\ \hline \end{array}$$

$$4) 34+36$$

$$=50$$

$$\begin{array}{r} 36 \\ + 14 \\ \hline \end{array}$$

## 速算題(加法)3a

$$\begin{aligned}\text{例： } & 3+5+7 \\ & =3+7+5 \\ & =10+5 \\ & =15\end{aligned}$$

$$\begin{aligned}1) & 2+4+8 \\ & =2+( \quad )+4 \\ & =( \quad )+4 \\ & =( \quad )\end{aligned}$$

$$\begin{aligned}2) & 6+8+4+2 \\ & =6+( \quad )+8+( \quad ) \\ & =( \quad )+( \quad ) \\ & =( \quad )\end{aligned}$$

$$\begin{aligned}3) & 9+2+1+8 \\ & =9+( \quad )+2+( \quad ) \\ & =( \quad )+( \quad ) \\ & =( \quad )\end{aligned}$$

$$\begin{aligned}4) & 5+4+5+6 \\ & =5+( \quad )+4+( \quad ) \\ & =( \quad )+( \quad ) \\ & =( \quad )\end{aligned}$$

## 速算題(加法)3a

$$\begin{aligned}\text{例： } & 3+5+7 \\ & =3+7+5 \\ & =10+5 \\ & =15\end{aligned}$$

$$\begin{aligned}1) & 2+4+8 \\ & =2+( 8 )+4 \\ & =( 10 )+4 \\ & =( 14 )\end{aligned}$$

$$\begin{aligned}2) & 6+8+4+2 \\ & =6+( 4 )+8+( 2 ) \\ & =( 10 )+( 10 ) \\ & =( 20 )\end{aligned}$$

$$\begin{aligned}3) & 9+2+1+8 \\ & =9+( 1 )+2+( 8 ) \\ & =( 10 )+( 10 ) \\ & =( 20 )\end{aligned}$$

$$\begin{aligned}4) & 5+4+5+6 \\ & =5+( 5 )+4+( 6 ) \\ & =( 10 )+( 10 ) \\ & =( 20 )\end{aligned}$$

## 速算題(加法)4a

$$\begin{aligned}\text{例： } & 13+14+17+6 \\ & =13+17+14+6 \\ & =30+20 \\ & =50\end{aligned}$$

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$$\begin{aligned}1) & 12+13+8+7 \\ & =12+(\quad)+13+(\quad) \\ & =(\quad)+(\quad) \\ & =(\quad)\end{aligned}$$

---

$$\begin{aligned}2) & 2+19+8+1 \\ & =2+(\quad)+19+(\quad) \\ & =(\quad)+(\quad) \\ & =(\quad)\end{aligned}$$

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$$\begin{aligned}3) & 14+7+6+13 \\ & =14+(\quad)+7+(\quad) \\ & =(\quad)+(\quad) \\ & =(\quad)\end{aligned}$$

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$$\begin{aligned}4) & 8+9+12+11 \\ & =8+(\quad)+9+(\quad) \\ & =(\quad)+(\quad) \\ & =(\quad)\end{aligned}$$

## 速算題(加法)4a

$$\begin{aligned}\text{例： } & 13+14+17+6 \\ & =13+17+14+6 \\ & =30+20 \\ & =50\end{aligned}$$

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$$\begin{aligned}1) & 12+13+8+7 \\ & =12+(\mathbf{8})+13+(\mathbf{7}) \\ & =(\mathbf{20})+(\mathbf{20}) \\ & =(\mathbf{40})\end{aligned}$$

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$$\begin{aligned}2) & 2+19+8+1 \\ & =2+(\mathbf{8})+19+(\mathbf{1}) \\ & =(\mathbf{10})+(\mathbf{20}) \\ & =(\mathbf{30})\end{aligned}$$

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$$\begin{aligned}3) & 14+7+6+13 \\ & =14+(\mathbf{6})+7+(\mathbf{13}) \\ & =(\mathbf{20})+(\mathbf{20}) \\ & =(\mathbf{40})\end{aligned}$$

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$$\begin{aligned}4) & 8+9+12+11 \\ & =8+(\mathbf{12})+9+(\mathbf{11}) \\ & =(\mathbf{20})+(\mathbf{20}) \\ & =(\mathbf{40})\end{aligned}$$

溫習題 1b

- 1) 在 45654 中，兩個 5 的數值相差(            )
- 2) 用中國數字表示 90009  
(                    )
- 3) 10cm = (            ) mm
- 4) 1 米 = (            ) 厘米
- 5) 7km2m=(            ) m
- 6) 9 厘米 4 毫米 = (            )毫米

選擇適當的度量衡單位

- 7) 一個成人的重量  
( g / kg / mL / L )
- 8) 波鞋的長度  
( km / m / cm / mm )
- 9) 一個紙包菓汁的容量  
( 公斤 / 克 / 米 / 毫升 / 毫米 )

溫習題 1b

- 1) 在 45654 中，兩個 5 的數值相差( **4950** )
- 3) 用中國數字表示 90009  
( **九萬零九** )
- 3) 10cm = ( **100** ) mm
- 4) 1 米 = ( **100** ) 厘米
- 5) 7km2m=( **7002** ) m
- 6) 9 厘米 4 毫米 = ( **94** )毫米

選擇適當的度量衡單位

- 7) 一個成人的重量  
( g / **kg** / mL / L )
- 8) 波鞋的長度  
( km / m / **cm** / mm )
- 9) 一個紙包菓汁的容量  
( 公斤 / 克 / 米 / **毫升** / 毫米 )

溫習題 2b

溫習題 2b

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1)  $71 \times 3 =$

1)  $71 \times 3 = 213$

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2)  $85 \times 9 =$

2)  $85 \times 9 = 765$

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3)  $9 \times 50 =$

3)  $9 \times 50 = 450$

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4)  $308 \times 5 =$

4)  $308 \times 5 = 1540$

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5)  $234 \times 8 =$

5)  $234 \times 8 = 1872$

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6)  $125 \times 8 =$

6)  $125 \times 8 = 1000$

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7)  $625 \times 5 =$

7)  $625 \times 5 = 3125$

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8)  $16 \times 19 =$

8)  $16 \times 19 = 304$

速算題(乘、加)3b

例 1 :  $2 \text{ 🍎} + 3 \text{ 🍎} + 4 \text{ 🍎} = 9 \text{ 🍎}$

例 2 :  $= 2 \times 8 + 3 \times 8 + 4 \times 8$   
 $= (2 + 3 + 4) \times 8$   
 $= 9 \times 8$   
 $= 72$

速算題(除、加)3b

例 1 :  $2 \text{ 🍎} + 3 \text{ 🍎} = 5 \text{ 🍎}$

例 2 :  $= 2 \times 7 + 3 \times 7$   
 $= (2 + 3) \times 7$   
 $= 5 \times 7$   
 $= 35$

1)  $2 \times 9 + 4 \times 9 + 4 \times 9$   
 $= (2 + \square + \square) \times 9$   
 $= \square \times 9$   
 $= \square$

2)  $3 \times 17 + 1 \times 17 + 6 \times 17$   
 $= (\square + \square + \square) \times 17$   
 $= \square \times 17$   
 $= \square$

1)  $2 \times 9 + 4 \times 9 + 4 \times 9$   
 $= (2 + \boxed{4} + \boxed{4}) \times 9$   
 $= \boxed{10} \times 9$   
 $= \boxed{90}$

2)  $3 \times 17 + 1 \times 17 + 6 \times 17$   
 $= (\boxed{3} + \boxed{1} + \boxed{6}) \times 17$   
 $= \boxed{10} \times 17$   
 $= \boxed{170}$

3)  $14 \times 5 + 27 \times 5 + 59 \times 5$   
 $= (14 + \square + \square) \times 5$   
 $= \square \times 5$   
 $= \square$

4)  $22 \times 8 + 15 \times 8 + 13 \times 8$   
 $= (\square + \square + \square) \times 8$   
 $= \square \times 8$   
 $= \square$

3)  $14 \times 5 + 27 \times 5 + 59 \times 5$   
 $= (14 + \boxed{27} + \boxed{59}) \times 5$   
 $= \boxed{100} \times 5$   
 $= \boxed{500}$

4)  $22 \times 8 + 15 \times 8 + 13 \times 8$   
 $= (\boxed{22} + \boxed{15} + \boxed{13}) \times 8$   
 $= \boxed{50} \times 8$   
 $= \boxed{400}$

速算題(乘、減)4b

例 1 :  $15 \text{ 🍎} - 10 \text{ 🍎} - 4 \text{ 🍎} = 1 \text{ 🍎}$

例 2 :  $= 15 \times 999 - 10 \times 999 - 4 \times 999$   
 $= (15 - 10 - 4) \times 999$   
 $= 1 \times 999$   
 $= 999$

速算題(乘、減)4b

例 1 :  $15 \text{ 🍎} - 10 \text{ 🍎} - 4 \text{ 🍎} = 1 \text{ 🍎}$

例 2 :  $= 15 \times 999 - 10 \times 999 - 4 \times 999$   
 $= (15 - 10 - 4) \times 999$   
 $= 1 \times 999$   
 $= 999$

1)  $17 \times 331 - 16 \times 331$   
 $= (17 - \square) \times 331$   
 $= \square \times 331$   
 $= \square$

2)  $9 \times 19 - 2 \times 19 - 5 \times 19$   
 $= (\square - \square - \square) \times 19$   
 $= \square \times 19$   
 $= \square$

1)  $17 \times 331 - 16 \times 331$   
 $= (17 - \boxed{16}) \times 331$   
 $= \boxed{1} \times 331$   
 $= \boxed{331}$

2)  $9 \times 19 - 2 \times 19 - 5 \times 19$   
 $= (\boxed{9} - \boxed{2} - \boxed{5}) \times 19$   
 $= \boxed{2} \times 19$   
 $= \boxed{38}$

3)  $16 \times 34 - 12 \times 34 - 2 \times 34$   
 $= (\square - \square - \square) \times 34$   
 $= \square \times 34$   
 $= \square$

4)  $125 \times 99 - 120 \times 99 - 4 \times 99$   
 $= (\square - \square - \square) \times 99$   
 $= \square \times 99$   
 $= \square$

3)  $16 \times 34 - 12 \times 34 - 2 \times 34$   
 $= (\boxed{16} - \boxed{12} - \boxed{2}) \times 34$   
 $= \boxed{2} \times 34$   
 $= \boxed{78}$

4)  $125 \times 99 - 120 \times 99 - 4 \times 99$   
 $= (\boxed{125} - \boxed{120} - \boxed{4}) \times 99$   
 $= \boxed{1} \times 99$   
 $= \boxed{99}$

溫習題 1c

$$1) \frac{7}{16} + \frac{1}{3}$$

=

=

$$2) \frac{3}{13} + \frac{4}{39}$$

=

=

溫習題 1c

$$1) \frac{7}{16} + \frac{1}{3}$$

$$= \frac{21}{48} + \frac{16}{48}$$

$$= \frac{37}{48}$$

$$2) \frac{3}{13} + \frac{4}{39}$$

$$= \frac{9}{39} + \frac{4}{39}$$

$$= \frac{13}{39}$$

$$3) \frac{7}{8} - \frac{1}{4}$$

=

=

$$4) \frac{4}{9} \times \frac{18}{6}$$

=

=

$$3) \frac{7}{8} - \frac{1}{4}$$

$$= \frac{7}{8} - \frac{2}{8}$$

$$= \frac{5}{8}$$

$$4) \frac{4}{9} \times \frac{18}{6}$$

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

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

$$5) 1\frac{4}{9} \times 1\frac{1}{8}$$

=

=

$$6) 1\frac{1}{5} \times 1\frac{7}{9}$$

=

=

$$5) 1\frac{4}{9} \times 1\frac{1}{8}$$

$$= \frac{13}{9} \times \frac{9}{8}$$

$$= 1\frac{5}{8}$$

$$6) 1\frac{1}{5} \times 1\frac{7}{9}$$

$$= \frac{6}{5} \times \frac{16}{9}$$

$$= \frac{32}{15} = 2\frac{2}{15}$$

溫習題 2c

$$1) 3\frac{2}{5} - \frac{1}{4}$$

=  
=  
=

$$2) 16\frac{1}{3} - 15\frac{5}{6}$$

=  
=  
=

$$1) 3\frac{2}{5} - \frac{1}{4}$$

$$= 3\frac{8}{20} - \frac{5}{20}$$

$$= 3\frac{3}{20}$$

$$2) 16\frac{1}{3} - 15\frac{5}{6}$$

$$= 16\frac{2}{6} - 15\frac{5}{6}$$

$$= 15\frac{8}{6} - 15\frac{5}{6}$$

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

$$3) 2\frac{1}{3} + 3\frac{1}{3} - 1\frac{1}{4}$$

=  
=  
=

$$4) \frac{9}{10} + 1\frac{1}{4} + 3\frac{1}{2}$$

=  
=  
=

$$3) 2\frac{1}{3} + 3\frac{1}{3} - 1\frac{1}{4}$$

$$= 5\frac{2}{3} - 1\frac{1}{4}$$

$$= 5\frac{8}{12} - 1\frac{3}{12}$$

$$= 4\frac{5}{12}$$

$$4) \frac{9}{10} + 1\frac{1}{4} + 3\frac{1}{2}$$

$$= \frac{18}{20} + 1\frac{5}{20} + 3\frac{10}{20}$$

$$= 3\frac{33}{20}$$

$$= 4\frac{13}{20}$$

$$5) 2\frac{1}{4} + 1\frac{1}{4} \times \frac{1}{4}$$

=  
=  
=

$$6) 7\frac{1}{2} \times 3\frac{1}{5}$$

=  
=  
=

$$5) 2\frac{1}{4} + 1\frac{1}{4} \times \frac{1}{4}$$

$$= 2\frac{1}{4} + \frac{5}{4} \times \frac{1}{4}$$

$$= 2\frac{1}{4} + \frac{5}{16}$$

$$= 2\frac{4}{16} + \frac{5}{16}$$

$$= 2\frac{9}{16}$$

$$6) 7\frac{1}{2} \times 3\frac{1}{5}$$

$$= \frac{15}{2} \times \frac{16}{5}$$

$$= 24$$

## 速算題(乘除)3c

例：9  $\boxed{\div 8}$   $\boxed{\times 16}$  (符號跟後一個數字)

=  $\underline{9 \times 16} \div 8$  (先計乘後計除)

=  $144 \div 8$

= 18

1)  $7 \div 16 \times 32$

=  $7 \times \boxed{\phantom{00}} \div 16$

=  $\boxed{\phantom{00}} \div 16$

=  $\boxed{\phantom{00}}$

## 速算題(乘除)3c

例：9  $\boxed{\div 8}$   $\boxed{\times 16}$  (符號跟後一個數字)

=  $\underline{9 \times 16} \div 8$  (先計乘後計除)

=  $144 \div 8$

= 18

1)  $7 \div 16 \times 32$

=  $7 \times \boxed{32} \div 16$

=  $\boxed{224} \div 16$

=  $\boxed{14}$

2)  $15 \div 4 \times 20$

=  $15 \times \boxed{\phantom{00}} \div \boxed{\phantom{00}}$

=  $\boxed{\phantom{00}} \div \boxed{\phantom{00}}$

=  $\boxed{\phantom{00}}$

2)  $15 \div 4 \times 20$

=  $15 \times \boxed{20} \div \boxed{4}$

=  $\boxed{300} \div \boxed{4}$

=  $\boxed{75}$

3)  $99 \div 2 \times 6$

=  $99 \times \boxed{\phantom{00}} \div \boxed{\phantom{00}}$

=  $\boxed{\phantom{00}} \div \boxed{\phantom{00}}$

=  $\boxed{\phantom{00}}$

3)  $99 \div 2 \times 6$

=  $99 \times \boxed{6} \div \boxed{2}$

=  $\boxed{594} \div \boxed{2}$

=  $\boxed{297}$

## 速算題(乘除)4c

例：9  $\boxed{\div 8}$   $\boxed{\times 16}$  (符號跟後一個數字)

$$= 9 \times \underline{16 \div 8} \quad (\text{先計除})$$

$$= 9 \times 2 \quad (\text{再計乘})$$

$$= 18$$

## 速算題(乘除)4c

例：9  $\boxed{\div 8}$   $\boxed{\times 16}$  (符號跟後一個數字)

$$= 9 \times \underline{16 \div 8} \quad (\text{先計除})$$

$$= 9 \times 2 \quad (\text{再計乘})$$

$$= 18$$

1)  $7 \div 16 \times 32$

$$= 7 \times \underline{\boxed{\phantom{00}} \div 16}$$

$$= 7 \times \boxed{\phantom{00}}$$

$$= \boxed{\phantom{00}}$$

1)  $7 \div 16 \times 32$

$$= 7 \times \underline{\boxed{32} \div 16}$$

$$= 7 \times \boxed{2}$$

$$= \boxed{14}$$

2)  $15 \div 4 \times 20$

$$= 15 \times \underline{\boxed{\phantom{00}} \div \boxed{\phantom{00}}}$$

$$= 15 \times \boxed{\phantom{00}}$$

$$= \boxed{\phantom{00}}$$

2)  $15 \div 4 \times 20$

$$= 15 \times \underline{\boxed{20} \div \boxed{4}}$$

$$= 15 \times \boxed{5}$$

$$= \boxed{75}$$

3)  $99 \div 2 \times 6$

$$= 99 \times \underline{\boxed{\phantom{00}} \div \boxed{\phantom{00}}}$$

$$= 99 \times \boxed{\phantom{00}}$$

$$= \boxed{\phantom{00}}$$

3)  $99 \div 2 \times 6$

$$= 99 \times \underline{\boxed{6} \div \boxed{2}}$$

$$= 99 \times \boxed{3}$$

$$= \boxed{297}$$