

溫習題 1a

$$\begin{array}{r} 1) 7 + 2 \\ = \end{array}$$

$$\begin{array}{r} 7 \\ + 2 \\ \hline \end{array}$$

溫習題 1a

$$\begin{array}{r} 1) 7 + 2 \\ = 9 \end{array}$$

$$\begin{array}{r} 7 \\ + 2 \\ \hline 9 \end{array}$$

$$\begin{array}{r} 2) 6 + 8 \\ = \end{array}$$

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

$$\begin{array}{r} 2) 6 + 8 \\ = 14 \end{array}$$

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

$$\begin{array}{r} 3) 6 + 13 \\ = \end{array}$$

$$\begin{array}{r} 6 \\ + 13 \\ \hline \end{array}$$

$$\begin{array}{r} 3) 6 + 13 \\ = 19 \end{array}$$

$$\begin{array}{r} 6 \\ + 13 \\ \hline 19 \end{array}$$

$$\begin{array}{r} 4) 11 + 13 \\ = \end{array}$$

$$\begin{array}{r} 11 \\ + 13 \\ \hline \end{array}$$

$$\begin{array}{r} 4) 11 + 13 \\ = 24 \end{array}$$

$$\begin{array}{r} 11 \\ + 13 \\ \hline 24 \end{array}$$

溫習題 2a

$$\begin{array}{r} 1) 22 + 46 \\ = \end{array}$$

$$\begin{array}{r} 22 \\ + 46 \\ \hline \end{array}$$

溫習題 2a

$$\begin{array}{r} 1) 22 + 46 \\ = 68 \end{array}$$

$$\begin{array}{r} 22 \\ + 46 \\ \hline 68 \end{array}$$

$$\begin{array}{r} 2) 14 + 32 \\ = \end{array}$$

$$\begin{array}{r} 14 \\ + 32 \\ \hline \end{array}$$

$$\begin{array}{r} 2) 14 + 32 \\ = 46 \end{array}$$

$$\begin{array}{r} 14 \\ + 32 \\ \hline 46 \end{array}$$

$$\begin{array}{r} 3) 32 + 21 \\ = \end{array}$$

$$\begin{array}{r} 32 \\ + 21 \\ \hline \end{array}$$

$$\begin{array}{r} 3) 32 + 21 \\ = 53 \end{array}$$

$$\begin{array}{r} 32 \\ + 21 \\ \hline 53 \end{array}$$

$$\begin{array}{r} 4) 33 + 35 \\ = \end{array}$$

$$\begin{array}{r} 33 \\ + 35 \\ \hline \end{array}$$

$$\begin{array}{r} 4) 33 + 35 \\ = 68 \end{array}$$

$$\begin{array}{r} 33 \\ + 35 \\ \hline 68 \end{array}$$

速算題(加法)3a

$$\begin{aligned} \text{例：} & 2+7+8+3 \\ & =2+8+7+3 \\ & =10+10 \\ & =20 \end{aligned}$$

$$\begin{aligned} 1) & 6+8+4+2 \\ & =6+(\quad)+8+(\quad) \\ & =(\quad)+(\quad) \\ & =(\quad) \end{aligned}$$

$$\begin{aligned} 2) & 3+5+5+7 \\ & =3+(\quad)+(\quad)+(\quad) \\ & =(\quad)+(\quad) \\ & =(\quad) \end{aligned}$$

$$\begin{aligned} 3) & 2+3+8+7 \\ & =(\quad)+(\quad)+(\quad)+(\quad) \\ & =(\quad)+(\quad) \\ & =(\quad) \end{aligned}$$

$$\begin{aligned} 4) & 7+4+3+6 \\ & =(\quad)+(\quad)+(\quad)+(\quad) \\ & =(\quad)+(\quad) \\ & =(\quad) \end{aligned}$$

速算題(加法)4a

$$\begin{aligned} \text{例：} & 2+3+4+8+7+6 \\ & =2+8+3+7+4+6 \\ & =10+10+10 \\ & =30 \end{aligned}$$

$$\begin{aligned} 1) & 1+2+7+3+8+9 \\ & =1+(\quad)+2+(\quad)+3+(\quad) \\ & =(\quad)+(\quad)+(\quad) \\ & =(\quad) \end{aligned}$$

$$\begin{aligned} 2) & 1+5+4+9+6+5 \\ & =1+(\quad)+(\quad)+(\quad)+(\quad)+(\quad) \\ & =(\quad)+(\quad)+(\quad) \\ & =(\quad) \end{aligned}$$

$$\begin{aligned} 3) & 9+9+6+1+1+4 \\ & =(\quad)+(\quad)+(\quad)+(\quad)+(\quad)+(\quad) \\ & =(\quad)+(\quad)+(\quad) \\ & =(\quad) \end{aligned}$$

$$\begin{aligned} 4) & 11+12+13+17+18+19 \\ & =(\quad)+(\quad)+(\quad)+(\quad)+(\quad)+(\quad) \\ & =(\quad)+(\quad)+(\quad) \\ & =(\quad) \end{aligned}$$

速算題(加法)3a

$$\begin{aligned} \text{例：} & 2+7+8+3 \\ & =2+8+7+3 \\ & =10+10 \\ & =20 \end{aligned}$$

$$\begin{aligned} 1) & 6+8+4+2 \\ & =6+(4)+8+(2) \\ & =(10)+(10) \\ & =(20) \end{aligned}$$

$$\begin{aligned} 2) & 3+5+5+7 \\ & =3+(7)+(5)+(5) \\ & =(10)+(10) \\ & =(20) \end{aligned}$$

$$\begin{aligned} 3) & 2+3+8+7 \\ & =(2)+(8)+(3)+(7) \\ & =(10)+(10) \\ & =(20) \end{aligned}$$

$$\begin{aligned} 4) & 7+4+3+6 \\ & =(7)+(3)+(4)+(6) \\ & =(10)+(10) \\ & =(20) \end{aligned}$$

速算題(加法)4a

$$\begin{aligned} \text{例：} & 2+3+4+8+7+6 \\ & =2+8+3+7+4+6 \\ & =10+10+10 \\ & =30 \end{aligned}$$

$$\begin{aligned} 1) & 1+2+7+3+8+9 \\ & =1+(9)+2+(8)+3+(7) \\ & =(10)+(10)+(10) \\ & =(30) \end{aligned}$$

$$\begin{aligned} 2) & 1+5+4+9+6+5 \\ & =1+(9)+(4)+(6)+(5)+(5) \\ & =(10)+(10)+(10) \\ & =(30) \end{aligned}$$

$$\begin{aligned} 3) & 9+9+6+1+1+4 \\ & =(9)+(1)+(9)+(1)+(6)+(4) \\ & =(10)+(10)+(10) \\ & =(30) \end{aligned}$$

$$\begin{aligned} 4) & 11+12+13+17+18+19 \\ & =(11)+(19)+(12)+(18)+(13)+(17) \\ & =(30)+(30)+(30) \\ & =(90) \end{aligned}$$

溫習題 1b

- 1) 1 米 = () 厘米
- 2) 一厘米 = () 毫米
- 3) 8 厘米 5 毫米 = () 毫米
- 4) 2 米 27 厘米 = () 厘米
- 5) 2 公里 = () 米
- 6) 7 公里 432 米 = () 米

選擇適當的長度單位

- 7) 雙層巴士的高度
(公里 / 米 / 厘米 / 毫米)
- 8) 長洲和中環的距離
(公里 / 米 / 厘米 / 毫米)

溫習題 1b

- 1) 1 米 = (**100**) 厘米
- 2) 一厘米 = (**10**) 毫米
- 3) 8 厘米 5 毫米 = (**85**) 毫米
- 4) 2 米 27 厘米 = (**227**) 厘米
- 5) 2 公里 = (**2000**) 米
- 6) 7 公里 432 米 = (**7432**) 米

選擇適當的長度單位

- 7) 雙層巴士的高度
(公里 / **米** / 厘米 / 毫米)
- 8) 長洲和中環的距離
(**公里** / 米 / 厘米 / 毫米)

溫習題 2b

- 1) $15+83+45=$
- 2) $25+28+65=$
- 3) $17+21+14=$
- 4) $35+12+33=$
- 5) $455+215+123=$
- 6) $530+216+132=$
- 7) $332+530+110=$
- 8) $138+226+364=$

溫習題 2b

- 1) $15+83+45=$ **143**
- 2) $25+28+65=$ **118**
- 3) $17+21+14=$ **52**
- 4) $35+12+33=$ **80**
- 5) $455+215+123=$ **793**
- 6) $530+216+132=$ **878**
- 7) $332+530+110=$ **972**
- 8) $138+226+364=$ **728**

速算題(乘、加)3b

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

$$\begin{aligned} \text{例 2 : } & 2 \times 4 + 3 \times 4 \\ & = (2+3) \times 4 \\ & = 5 \times 4 \\ & = 20 \end{aligned}$$

$$\begin{aligned} 1) & 6 \times 7 + 3 \times 7 \\ & = (\square + \square) \times 7 \\ & = \square \times 7 \\ & = \square \end{aligned}$$

$$\begin{aligned} 2) & 8 \times 13 + 12 \times 13 \\ & = (8 + \square) \times 13 \\ & = \square \times 13 \\ & = \square \end{aligned}$$

速算題(乘、加)3b

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

$$\begin{aligned} \text{例 2 : } & 2 \times 4 + 3 \times 4 \\ & = (2+3) \times 4 \\ & = 5 \times 4 \\ & = 20 \end{aligned}$$

$$\begin{aligned} 1) & 6 \times 7 + 3 \times 7 \\ & = (\color{red}{6} + \color{red}{3}) \times 7 \\ & = \color{red}{9} \times 7 \\ & = \color{red}{63} \end{aligned}$$

$$\begin{aligned} 2) & 8 \times 13 + 12 \times 13 \\ & = (8 + \color{red}{12}) \times 13 \\ & = \color{red}{20} \times 13 \\ & = \color{red}{260} \end{aligned}$$

$$\begin{aligned} 3) & 15 \times 6 + 85 \times 6 \\ & = (\square + \square) \times \square \\ & = \square \times \square \\ & = \square \end{aligned}$$

$$\begin{aligned} 4) & 23 \times 15 + 77 \times 15 \\ & = (\square + \square) \times \square \\ & = \square \times \square \\ & = \square \end{aligned}$$

$$\begin{aligned} 3) & 15 \times 6 + 85 \times 6 \\ & = (\color{red}{15} + \color{red}{85}) \times \color{red}{6} \\ & = \color{red}{100} \times \color{red}{6} \\ & = \color{red}{600} \end{aligned}$$

$$\begin{aligned} 4) & 23 \times 15 + 77 \times 15 \\ & = (\color{red}{23} + \color{red}{77}) \times \color{red}{15} \\ & = \color{red}{100} \times \color{red}{15} \\ & = \color{red}{1500} \end{aligned}$$

速算題(乘、減)4b

$$\text{例 1 : } 15 \text{ 🍎} - 14 \text{ 🍎} = 1 \text{ 🍎}$$

$$\begin{aligned} \text{例 2 : } & 15 \times 888 - 14 \times 888 \\ & = (15-14) \times 888 \\ & = 1 \times 888 \\ & = 888 \end{aligned}$$

$$\begin{aligned} 1) & 16 \times 34 - 15 \times 34 \\ & = (\square - \square) \times 34 \\ & = \square \times 34 \\ & = \square \end{aligned}$$

$$\begin{aligned} 2) & 8 \times 25 - 6 \times 25 \\ & = (8 - \square) \times 25 \\ & = \square \times 25 \\ & = \square \end{aligned}$$

速算題(乘、減)4b

$$\text{例 1 : } 15 \text{ 🍎} - 14 \text{ 🍎} = 1 \text{ 🍎}$$

$$\begin{aligned} \text{例 2 : } & 15 \times 888 - 14 \times 888 \\ & = (15-14) \times 888 \\ & = 1 \times 888 \\ & = 888 \end{aligned}$$

$$\begin{aligned} 1) & 16 \times 34 - 15 \times 34 \\ & = (\color{red}{16} - \color{red}{15}) \times 34 \\ & = \color{red}{1} \times 34 \\ & = \color{red}{34} \end{aligned}$$

$$\begin{aligned} 2) & 8 \times 25 - 6 \times 25 \\ & = (8 - \color{red}{6}) \times 25 \\ & = \color{red}{2} \times 25 \\ & = \color{red}{50} \end{aligned}$$

$$\begin{aligned} 3) & 14 \times 17 - 4 \times 17 \\ & = (\square - \square) \times \square \\ & = \square \times \square \\ & = \square \end{aligned}$$

$$\begin{aligned} 4) & 123 \times 19 - 23 \times 19 \\ & = (\square - \square) \times \square \\ & = \square \times \square \\ & = \square \end{aligned}$$

$$\begin{aligned} 3) & 14 \times 17 - 4 \times 17 \\ & = (\color{red}{14} - \color{red}{4}) \times \color{red}{17} \\ & = \color{red}{10} \times \color{red}{7} \\ & = \color{red}{70} \end{aligned}$$

$$\begin{aligned} 4) & 123 \times 19 - 23 \times 19 \\ & = (\color{red}{123} - \color{red}{23}) \times \color{red}{19} \\ & = \color{red}{100} \times \color{red}{19} \\ & = \color{red}{1900} \end{aligned}$$

溫習題 1c

$$1) \frac{3}{8} + \frac{2}{3}$$

=

=

$$2) \frac{2}{15} + \frac{2}{45}$$

=

=

$$1) \frac{3}{8} + \frac{2}{3}$$

$$= \frac{9}{24} + \frac{16}{24}$$

$$= 1\frac{1}{24}$$

$$2) \frac{2}{15} + \frac{2}{45}$$

$$= \frac{6}{45} + \frac{2}{45}$$

$$= \frac{8}{45}$$

$$3) \frac{2}{9} + \frac{5}{6}$$

=

=

$$4) 3\frac{1}{3} + 7\frac{1}{5}$$

=

=

$$3) \frac{2}{9} + \frac{5}{6}$$

$$= \frac{4}{18} + \frac{15}{18}$$

$$= 1\frac{1}{18}$$

$$4) 3\frac{1}{3} + 7\frac{1}{5}$$

$$= 3\frac{6}{45} + \frac{2}{45}$$

$$= 10\frac{8}{15}$$

$$5) \frac{5}{8} - \frac{1}{4}$$

=

=

$$6) 1\frac{2}{3} + \frac{1}{6}$$

=

=

$$5) \frac{5}{8} - \frac{1}{4}$$

$$= \frac{5}{8} - \frac{2}{8}$$

$$= \frac{3}{8}$$

$$6) 1\frac{2}{3} + \frac{1}{6}$$

$$= 1\frac{4}{6} + \frac{1}{6}$$

$$= 1\frac{5}{6}$$

溫習題 2c

$$1) 8\frac{1}{6} - \frac{1}{2} - \frac{1}{3}$$

=

=

$$2) 1\frac{1}{2} - (\frac{3}{4} - \frac{3}{7})$$

=

=

$$1) 8\frac{1}{6} - \frac{1}{2} - \frac{1}{3}$$

$$= 8\frac{1}{6} - \frac{3}{6} - \frac{2}{6}$$

$$= 7\frac{7}{6} - \frac{3}{6} - \frac{2}{6}$$

$$= 7\frac{1}{3}$$

$$2) 1\frac{1}{2} - (\frac{3}{4} - \frac{3}{7})$$

$$= 2\frac{1}{2} - \frac{21}{28} - \frac{12}{28}$$

$$= 1\frac{1}{2} - \frac{9}{28}$$

$$= 1\frac{14}{28} - \frac{9}{28} = 1\frac{5}{28}$$

$$3) 6\frac{2}{3} - 2\frac{2}{5} + \frac{1}{8}$$

=

=

$$4) 8\frac{9}{10} - (3\frac{1}{5} + 1\frac{2}{5})$$

=

=

$$3) 6\frac{2}{3} - 2\frac{2}{5} + \frac{1}{8}$$

$$= 6\frac{80}{120} - \frac{48}{120} + \frac{15}{120}$$

$$= 6\frac{5}{12}$$

$$4) 8\frac{9}{10} - (3\frac{1}{5} + 1\frac{2}{5})$$

$$= 8\frac{9}{10} - 4\frac{6}{10}$$

$$= 4\frac{3}{10}$$

$$5) \frac{7}{8} + \frac{5}{12} - \frac{1}{24}$$

=

=

$$6) 5 - 1\frac{1}{6} + 2\frac{1}{6}$$

=

=

$$5) \frac{7}{8} + \frac{5}{12} - \frac{1}{24}$$

$$= \frac{21}{24} + \frac{10}{24} - \frac{1}{24}$$

$$= \frac{30}{24}$$

$$= 1\frac{6}{24} = 1\frac{1}{4}$$

$$6) 5 - 1\frac{1}{6} + 2\frac{1}{6}$$

$$= 5 + 2\frac{1}{6} - 1\frac{1}{6}$$

$$= 6$$

速算題(連續數之和)3c

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

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

$$\begin{aligned} 1) & \underline{10+20+30+40+50+60} \\ & = (\boxed{} + \boxed{}) \times 6 \div 2 \\ & = \boxed{} \times 6 \div 2 \\ & = \boxed{} \end{aligned}$$

$$\begin{aligned} 2) & \underline{20+30+40+50+60} \\ & = (\boxed{} + \boxed{}) \times 5 \div 2 \\ & = \boxed{} \times 5 \div 2 \\ & = \boxed{} \end{aligned}$$

$$\begin{aligned} 3) & \underline{40+50+60+70+80+90} \\ & = (40 + \boxed{}) \times \boxed{} \div 2 \\ & = \\ & = \end{aligned}$$

速算題(連續數之和)4c

$$\begin{aligned} 1) & \underline{2+4+6+8+10+12} \\ & = (\boxed{} + \boxed{}) \times 6 \div 2 \\ & = \boxed{} \times 6 \div 2 \\ & = \boxed{} \end{aligned}$$

$$\begin{aligned} 2) & \underline{3+6+9+12+15+18} \\ & = (\boxed{} + \boxed{}) \times \boxed{} \div 2 \\ & = \boxed{} \times \boxed{} \div 2 \\ & = \boxed{} \end{aligned}$$

$$\begin{aligned} 3) & \underline{1+2+3+\dots\dots+48+49+50} \\ & = (\boxed{} + \boxed{}) \times \boxed{} \div \boxed{} \\ & = \boxed{} \times \boxed{} \div \boxed{} \\ & = \boxed{} \end{aligned}$$

速算題(連續數之和)3c

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

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

$$\begin{aligned} 1) & \underline{10+20+30+40+50+60} \\ & = (\boxed{10} + \boxed{60}) \times 6 \div 2 \\ & = \boxed{70} \times 6 \div 2 \\ & = \boxed{210} \end{aligned}$$

$$\begin{aligned} 2) & \underline{20+30+40+50+60} \\ & = (\boxed{20} + \boxed{60}) \times 5 \div 2 \\ & = \boxed{80} \times 5 \div 2 \\ & = \boxed{200} \end{aligned}$$

$$\begin{aligned} 3) & \underline{40+50+60+70+80+90} \\ & = (40 + \boxed{90}) \times \boxed{6} \div 2 \\ & = 130 \times 6 \div 2 \\ & = 390 \end{aligned}$$

速算題(連續數之和)4c

$$\begin{aligned} 1) & \underline{2+4+6+8+10+12} \\ & = (\boxed{2} + \boxed{12}) \times 6 \div 2 \\ & = \boxed{14} \times 6 \div 2 \\ & = \boxed{42} \end{aligned}$$

$$\begin{aligned} 2) & \underline{3+6+9+12+15+18} \\ & = (\boxed{3} + \boxed{18}) \times \boxed{6} \div 2 \\ & = \boxed{21} \times \boxed{6} \div 2 \\ & = \boxed{63} \end{aligned}$$

$$\begin{aligned} 3) & \underline{1+2+3+\dots\dots+48+49+50} \\ & = (\boxed{1} + \boxed{50}) \times \boxed{50} \div \boxed{2} \\ & = \boxed{51} \times \boxed{50} \div \boxed{2} \\ & = \boxed{1275} \end{aligned}$$