

溫習題 1a

$$1) 13+25$$

$$=$$

$$\begin{array}{r} 13 \\ + 25 \\ \hline \end{array}$$

溫習題 1a

$$1) 13+25$$

$$=38$$

$$\begin{array}{r} 13 \\ + 25 \\ \hline 38 \end{array}$$

$$2) 22+35$$

$$=$$

$$\begin{array}{r} 22 \\ + 35 \\ \hline \end{array}$$

$$2) 22+35$$

$$=57$$

$$\begin{array}{r} 22 \\ + 35 \\ \hline 57 \end{array}$$

$$3) 45+46$$

$$=$$

$$\begin{array}{r} 45 \\ + 46 \\ \hline \end{array}$$

$$3) 45+46$$

$$=91$$

$$\begin{array}{r} 45 \\ + 46 \\ \hline 91 \end{array}$$

$$4) 51+51$$

$$=$$

$$\begin{array}{r} 51 \\ + 51 \\ \hline \end{array}$$

$$4) 51+51$$

$$=102$$

$$\begin{array}{r} 51 \\ + 51 \\ \hline 102 \end{array}$$

溫習題 2a

$$1) 8 - 5 =$$

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

溫習題 2a

$$1) 8 - 5 = 3$$

$$\begin{array}{r} 8 \\ - 5 \\ \hline 3 \end{array}$$

$$2) 17 - 13 =$$

$$\begin{array}{r} 17 \\ - 13 \\ \hline \end{array}$$

$$2) 17 - 13 = 2$$

$$\begin{array}{r} 17 \\ - 13 \\ \hline 2 \end{array}$$

$$3) 18 - 5 =$$

$$\begin{array}{r} 18 \\ - 5 \\ \hline \end{array}$$

$$3) 18 - 5 = 3$$

$$\begin{array}{r} 18 \\ - 5 \\ \hline 3 \end{array}$$

$$4) 36 - 12 =$$

$$\begin{array}{r} 36 \\ - 12 \\ \hline \end{array}$$

$$4) 36 - 12 = 24$$

$$\begin{array}{r} 36 \\ - 12 \\ \hline 24 \end{array}$$

速算題(加法)3a

$$\begin{aligned} \text{例：} & 41+22+13+19+18+17 \\ & =41+19+22+18+13+17 \\ & =60+40+30 \\ & =130 \end{aligned}$$

$$1) 19+18+17+1+2+3$$

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

$$2) 44+33+22+16+27+18$$

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

$$3) 11+22+33+19+18+17$$

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

$$4) 23+34+45+77+66+55$$

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

速算題(加法)3a

$$\begin{aligned} \text{例：} & 41+22+13+19+18+17 \\ & =41+19+22+18+13+17 \\ & =60+40+30 \\ & =130 \end{aligned}$$

$$1) 19+18+17+1+2+3$$

$$\begin{aligned} & =19+(\mathbf{1})+18+(\mathbf{2})+17+(\mathbf{3}) \\ & =(\mathbf{20})+(\mathbf{20})+(\mathbf{20}) \\ & =(\mathbf{60}) \end{aligned}$$

$$2) 44+33+22+16+27+18$$

$$\begin{aligned} & =(\mathbf{44})+(\mathbf{16})+(\mathbf{33})+(\mathbf{27})+(\mathbf{22})+(\mathbf{18}) \\ & =(\mathbf{60})+(\mathbf{60})+(\mathbf{40}) \\ & =(\mathbf{160}) \end{aligned}$$

$$3) 11+22+33+19+18+17$$

$$\begin{aligned} & =(\mathbf{11})+(\mathbf{19})+(\mathbf{22})+(\mathbf{18})+(\mathbf{33})+(\mathbf{17}) \\ & =(\mathbf{30})+(\mathbf{40})+(\mathbf{50}) \\ & =(\mathbf{120}) \end{aligned}$$

$$4) 23+34+45+77+66+55$$

$$\begin{aligned} & =(\mathbf{23})+(\mathbf{77})+(\mathbf{34})+(\mathbf{66})+(\mathbf{45})+(\mathbf{55}) \\ & =(\mathbf{100})+(\mathbf{100})+(\mathbf{100}) \\ & =(\mathbf{300}) \end{aligned}$$

速算題(減法)4a

$$\begin{aligned} \text{例: } & 18-2-8 \\ & =19-9-2 \\ & =10-2 \\ & =8 \end{aligned}$$

$$\begin{aligned} 1) & 15-7-5 \\ & =15-(\quad)-(\quad) \\ & =(\quad)-(\quad) \\ & =(\quad) \end{aligned}$$

$$\begin{aligned} 2) & 21-4-11 \\ & =21-(\quad)-(\quad) \\ & =(\quad)-(\quad) \\ & =(\quad) \end{aligned}$$

$$\begin{aligned} 3) & 37-19-17 \\ & =(\quad)-(\quad)-(\quad) \\ & =(\quad)-(\quad) \\ & =(\quad) \end{aligned}$$

$$\begin{aligned} 4) & 42-19-12 \\ & =(\quad)-(\quad)-(\quad) \\ & =(\quad)-(\quad) \\ & =(\quad) \end{aligned}$$

速算題(減法)4a

$$\begin{aligned} \text{例: } & 18-2-8 \\ & =19-9-2 \\ & =10-2 \\ & =8 \end{aligned}$$

$$\begin{aligned} 1) & 15-7-5 \\ & =15-(\mathbf{5})-(\mathbf{7}) \\ & =(\mathbf{10})-(\mathbf{7}) \\ & =(\mathbf{3}) \end{aligned}$$

$$\begin{aligned} 2) & 21-4-11 \\ & =21-(\mathbf{11})-(\mathbf{4}) \\ & =(\mathbf{10})-(\mathbf{4}) \\ & =(\mathbf{6}) \end{aligned}$$

$$\begin{aligned} 3) & 37-19-17 \\ & =(\mathbf{37})-(\mathbf{17})-(\mathbf{19}) \\ & =(\mathbf{20})-(\mathbf{19}) \\ & =(\mathbf{1}) \end{aligned}$$

$$\begin{aligned} 4) & 42-19-12 \\ & =(\mathbf{42})-(\mathbf{12})-(\mathbf{19}) \\ & =(\mathbf{30})-(\mathbf{19}) \\ & =(\mathbf{11}) \end{aligned}$$

溫習題 1b

- 1) 3分鐘 = ()秒
- 2) 13:15 即()午()時()分
- 3) 下午3時25分即(): ()
- 4) 2公里 = ()米
- 5) 18厘米 = ()毫米
- 6) 20mm = ()cm

選擇適當的長度單位

- 7) 一架巴士的長度
(km / m / cm / mm)
- 8) 一角硬幣的厚度
(公里 / 米 / 厘米 / 毫米)

溫習題 1b

- 1) 3分鐘 = (180)秒
- 2) 13:15 即(下)午(1)時(15)分
- 3) 下午3時25分即(15): (25)
- 4) 2公里 = (2000)米
- 5) 18厘米 = (180)毫米
- 6) 20mm = (200)cm

選擇適當的長度單位

- 7) 一架巴士的長度
(km / m / cm / mm)
- 8) 一角硬幣的厚度
(公里 / 米 / 厘米 / 毫米)

溫習題 2b

1) $55+77+88=$

2) $23+45+67=$

3) $123+234+356=$

4) $1000-34=$

5) $421-35-124=$

6) $5536-687=$

7) $6367-234-2345=$

8) $9000-6-912=$

溫習題 2b

1) $55+77+88=220$

2) $23+45+67=135$

3) $123+234+356=713$

4) $1000-34=966$

5) $421-35-124=262$

6) $5536-687=4849$

7) $6367-234-2345=3788$

8) $9000-6-912=8082$

速算題(除、加)3b

$$\begin{aligned} \text{例：} & 12 \div 4 + 28 \div 4 \\ & = (12 + 28) \div 4 \\ & = 40 \div 4 \\ & = 10 \end{aligned}$$

速算題(除、加)3b

$$\begin{aligned} \text{例：} & 12 \div 4 + 28 \div 4 \\ & = (12 + 28) \div 4 \\ & = 40 \div 4 \\ & = 10 \end{aligned}$$

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

$$\begin{aligned} 2) & 24 \div 8 + 16 \div 8 \\ & = (\square + \square) \div \square \\ & = \square \div \square \\ & = \square \end{aligned}$$

$$\begin{aligned} 1) & 8 \div 2 + 6 \div 2 \\ & = (\boxed{8} + \boxed{6}) \div 2 \\ & = \boxed{14} \div 2 \\ & = \boxed{7} \end{aligned}$$

$$\begin{aligned} 2) & 24 \div 8 + 16 \div 8 \\ & = (\boxed{24} + \boxed{16}) \div \boxed{8} \\ & = \boxed{40} \div \boxed{8} \\ & = \boxed{5} \end{aligned}$$

$$\begin{aligned} 3) & 75 \div 5 + 15 \div 5 + 10 \div 5 \\ & = (\square + \square + \square) \div 5 \\ & = \square \div 5 \\ & = \square \end{aligned}$$

$$\begin{aligned} 3) & 75 \div 5 + 15 \div 5 + 10 \div 5 \\ & = (\boxed{75} + \boxed{15} + \boxed{10}) \div 5 \\ & = \boxed{100} \div 5 \\ & = \boxed{20} \end{aligned}$$

$$\begin{aligned} 4) & 80 \div 2 + 16 \div 2 + 4 \div 2 \\ & = (\square + \square + \square) \div \square \\ & = \square \div \square \\ & = \square \end{aligned}$$

$$\begin{aligned} 4) & 80 \div 4 + 16 \div 4 + 4 \div 4 \\ & = (\boxed{80} + \boxed{16} + \boxed{4}) \div \boxed{2} \\ & = \boxed{100} \div \boxed{2} \\ & = \boxed{50} \end{aligned}$$

速算題(除、減)4b

$$\begin{aligned} \text{例：} & 26 \div 2 - 8 \div 2 \\ & = (26 - 8) \div 2 \\ & = 18 \div 2 \\ & = 9 \end{aligned}$$

速算題(除、減)4b

$$\begin{aligned} \text{例：} & 26 \div 2 - 8 \div 2 \\ & = (26 - 8) \div 2 \\ & = 18 \div 2 \\ & = 9 \end{aligned}$$

$$\begin{aligned} 1) & 40 \div 5 - 25 \div 5 \\ & = (\square - \square) \div 5 \\ & = \square \div 5 \\ & = \square \end{aligned}$$

$$\begin{aligned} 2) & 49 \div 7 - 21 \div 7 \\ & = (\square - \square) \div \square \\ & = \square \div \square \\ & = \square \end{aligned}$$

$$\begin{aligned} 1) & 40 \div 5 - 25 \div 5 \\ & = (40 - 25) \div 5 \\ & = 15 \div 5 \\ & = 3 \end{aligned}$$

$$\begin{aligned} 2) & 49 \div 7 - 21 \div 7 \\ & = (49 - 21) \div 7 \\ & = 28 \div 7 \\ & = 4 \end{aligned}$$

$$\begin{aligned} 3) & 99 \div 9 - 18 \div 9 - 18 \div 9 \\ & = (\square - \square - \square) \div 9 \\ & = \square \div 9 \\ & = \square \end{aligned}$$

$$\begin{aligned} 3) & 99 \div 9 - 18 \div 9 - 18 \div 9 \\ & = (99 - 18 - 18) \div 9 \\ & = 63 \div 9 \\ & = 7 \end{aligned}$$

$$\begin{aligned} 4) & 120 \div 8 - 48 \div 8 - 40 \div 8 \\ & = (\square - \square - \square) \div \square \\ & = \square \div \square \\ & = \square \end{aligned}$$

$$\begin{aligned} 4) & 120 \div 8 - 48 \div 8 - 40 \div 8 \\ & = (120 - 48 - 40) \div 8 \\ & = 32 \div 8 \\ & = 4 \end{aligned}$$

溫習題 1c

$$1) \frac{3}{4} + \frac{1}{6}$$

=

=

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

=

=

溫習題 1c

$$1) \frac{3}{4} + \frac{1}{6}$$

$$= \frac{18}{24} + \frac{4}{24}$$

$$= \frac{22}{24} = 1\frac{11}{24}$$

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

$$= \frac{12}{21} - \frac{7}{21}$$

$$= \frac{5}{21}$$

$$3) 3\frac{1}{2} + 5\frac{2}{5}$$

=

=

$$4) \frac{1}{5} \text{ 小時}$$

$$= \underline{\hspace{2cm}} \text{ 分鐘}$$

$$3) 3\frac{1}{2} + 5\frac{2}{5}$$

$$= 3\frac{5}{10} + 5\frac{4}{10}$$

$$= 8\frac{9}{10}$$

$$4) \frac{1}{5} \text{ 小時}$$

$$= \underline{12} \text{ 鐘}$$

$$5) 360 \text{ 秒}$$

$$= \underline{\hspace{2cm}} \text{ 分鐘}$$

$$6) \frac{3}{18} \text{ 小時}$$

$$= \underline{\hspace{2cm}} \text{ 秒}$$

$$5) 360 \text{ 秒}$$

$$= \underline{6} \text{ 分鐘}$$

$$6) \frac{3}{18} \text{ 小時}$$

$$= \underline{10} \text{ 秒}$$

溫習題 2c

溫習題 2c

1) $A+14= 114$

$A=$

2) $24 \div W = 8$

$W=$

1) $A+14= 114$

$A= 114-14$

$A= 100$

2) $24 \div W = 8$

$W= \frac{24}{8}$

$W=3$

3) 「M 乘以 9，
再加 4」，
可寫成

4) 「T 除以 8，
再減 4」，
可寫成

3) 「M 乘以 9，
再加 4」，
可寫成

$9M+4$

4) 「T 除以 8，
再減 4」，
可寫成

$\frac{T}{8}+4$

5) 如果 $A=7$

$A+77$

$= (\quad)+77$

$= (\quad)$

6) 如果 $B=28$

$\frac{28}{B}+6$

$=$

$=$

5) 如果 $A=7$

$A+77$

$= (7)+77$

$= (85)$

6) 如果 $B=28$

$\frac{28}{B}+6$

$= \frac{28}{28}+6$

$= 7$

速算題(乘法)3c

例 1 : 37×33

兩位數乘兩位數時，只要兩個個位相加 = 10，而十位數字相同，就可以運用了。

方法如下：

$$\text{千位和百位得出如下 } 3 \times (3+1) = 12$$

$$\text{十位和個位由 } 3 \times 7 = 21 \text{ 所得出，}$$

$$\text{答案：} 1221$$

例 2 : 62×68 ，因 $2+8=10$ ，而兩個十位相同，所以， $6 \times (6+1) = 42$ ，

$$2 \times 8 = 16,$$

$$\text{答案：} 62 \times 68 = 4216$$

速算題(乘法)3c

例 1 : 37×33

兩位數乘兩位數時，只要兩個個位相加 = 10，而十位數字相同，就可以運用了。

方法如下：

$$\text{千位和百位得出如下 } 3 \times (3+1) = 12$$

$$\text{十位和個位由 } 3 \times 7 = 21 \text{ 所得出，}$$

$$\text{答案：} 1221$$

例 2 : 62×68 ，因 $2+8=10$ ，而兩個十位相同，所以， $6 \times (6+1) = 42$ ，

$$2 \times 8 = 16,$$

$$\text{答案：} 62 \times 68 = 4216$$

$$1) 59 \times 51 = 3 \ 0 \ _ \ _$$

$$2) 62 \times 68 = 4 \ 2 \ _ \ _$$

$$3) 93 \times 97 = _ \ _ \ 2 \ 1$$

$$4) 86 \times 84 = _ \ _ \ 2 \ 4$$

$$5) 14 \times 16 = _ \ _ \ _$$

$$6) 25 \times 25 = _ \ _ \ _$$

$$1) 59 \times 51 = 3 \ 0 \ \underline{0} \ \underline{9}$$

$$2) 62 \times 68 = 4 \ 2 \ \underline{1} \ \underline{6}$$

$$3) 93 \times 97 = \underline{9} \ \underline{0} \ 2 \ 1$$

$$4) 86 \times 84 = \underline{7} \ \underline{2} \ 2 \ 4$$

$$5) 14 \times 16 = \underline{2} \ \underline{2} \ \underline{4}$$

$$6) 25 \times 25 = \underline{3} \ \underline{2} \ \underline{5}$$

速算題(乘法)4c

- 1) $23 \times 27 = \underline{\quad} \underline{\quad} \underline{\quad}$
- 2) $32 \times 38 = \underline{\quad} \underline{\quad} \underline{\quad} \underline{\quad}$
- 3) $44 \times 46 = \underline{\quad} \underline{\quad} \underline{\quad} \underline{\quad}$
- 4) $47 \times 43 = \underline{\quad} \underline{\quad} \underline{\quad} \underline{\quad}$
- 5) $52 \times 58 = \underline{\quad} \underline{\quad} \underline{\quad} \underline{\quad}$
- 6) $67 \times 63 = \underline{\quad} \underline{\quad} \underline{\quad} \underline{\quad}$
- 7) $82 \times 88 = \underline{\quad} \underline{\quad} \underline{\quad} \underline{\quad}$
- 8) $95 \times 95 = \underline{\quad} \underline{\quad} \underline{\quad} \underline{\quad}$
- 9) $35 \times 35 = \underline{\quad} \underline{\quad} \underline{\quad} \underline{\quad}$
- 10) $45 \times 45 = \underline{\quad} \underline{\quad} \underline{\quad} \underline{\quad}$

速算題(乘法)4c

- 1) $23 \times 27 = \underline{6} \underline{2} \underline{1}$
- 2) $32 \times 38 = \underline{1} \underline{2} \underline{1} \underline{6}$
- 3) $44 \times 46 = \underline{2} \underline{0} \underline{2} \underline{4}$
- 4) $47 \times 43 = \underline{2} \underline{0} \underline{2} \underline{1}$
- 5) $52 \times 58 = \underline{3} \underline{0} \underline{1} \underline{6}$
- 6) $67 \times 63 = \underline{4} \underline{2} \underline{2} \underline{1}$
- 7) $82 \times 88 = \underline{7} \underline{2} \underline{1} \underline{6}$
- 8) $95 \times 95 = \underline{9} \underline{0} \underline{2} \underline{5}$
- 9) $35 \times 35 = \underline{1} \underline{2} \underline{2} \underline{5}$
- 10) $45 \times 45 = \underline{2} \underline{0} \underline{2} \underline{5}$