

$$\begin{aligned} \text{① (1)} \quad & \underline{123} - \underline{45} + 67 \\ & = 78 + 67 \\ & = \underline{\underline{145}} \end{aligned}$$

$$\begin{aligned} \text{(3)} \quad & 0.25 \times 1.2 - 0.125 \times 0.8 \\ & = \frac{1}{\cancel{4}} \times \frac{12^3}{10} - \frac{1}{\cancel{8}} \times \frac{8^1}{10} \\ & = \frac{3}{10} - \frac{1}{10} = \underline{\underline{\frac{1}{5}}} \end{aligned}$$

$$\begin{aligned} \text{(5)} \quad & 3.21 \times 4 + \underline{6.42} \times 3 \\ & \quad \quad \quad 3.21 \times 2 \\ & = 3.21 \times (4 + 2 \times 3) \\ & = \underline{\underline{32.1}} \end{aligned}$$

$$\begin{aligned} \text{② (1)} \quad & 3 : 1.25 = \square : \frac{5}{8} \\ & \square = 3 \times \frac{5}{8} \div 1.25 \\ & = 3 \times \frac{5^1}{\cancel{8}_2} \times \frac{\cancel{4}^1}{5^1} \\ & = \underline{\underline{\frac{1}{2}}} \end{aligned}$$

$$\begin{aligned} \text{(2)} \quad & 32 \div 0.08 = 400 \\ & \quad \quad \quad \left(\frac{8}{100} \right) \end{aligned}$$

$$\begin{aligned} \text{(2)} \quad & \underline{1428} \div 7 - \underline{4392} \div 24 \\ & \quad \quad \quad \text{①} \quad \quad \quad \text{②} \\ & = 204 - 183 \\ & = \underline{\underline{21}} \end{aligned}$$

$$\begin{aligned} \text{(4)} \quad & 12 - (3.6 + 1\frac{2}{5}) \times 0.3 \\ & = 12 - \left(\frac{36^{\cancel{18}}}{\cancel{10}_5} + \frac{7}{5} \right) \times \frac{3}{10} \\ & = 12 - \frac{28^{\cancel{14}}}{5} \times \frac{3}{\cancel{10}_2} \\ & = 12 - 1\frac{1}{2} = \underline{\underline{10\frac{1}{2}}} \quad \text{または } \underline{\underline{(10.5)}} \end{aligned}$$

$$\begin{aligned} \text{(6)} \quad & 135 \times 421 \times \left(\frac{1}{135} - \frac{1}{421} \right) \\ & = \cancel{135}^1 \times 421 \times \frac{1}{\cancel{135}} - 135 \times \cancel{421}^1 \times \frac{1}{\cancel{421}} \\ & = 421 - 135 = \underline{\underline{286}} \end{aligned}$$

ポイント $A:B=C:D$ のとき
 $\left(\begin{array}{c} B \times C \\ \hline A \times D \end{array} \right)$

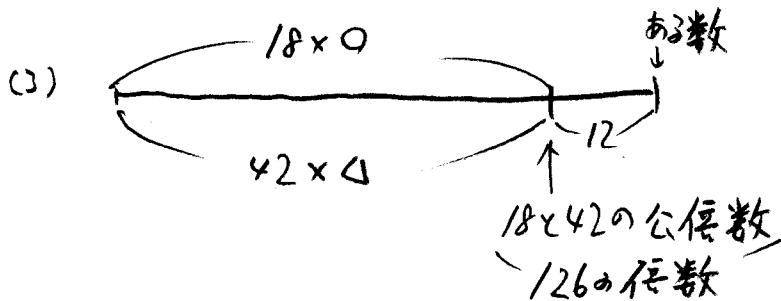
内項の積 = 外項の積 なのだから

$$A = B \times C \div D, \quad B = A \times D \div C$$

$$C = A \times D \div B, \quad D = B \times C \div A$$

$$\text{食塩水の量} \times \frac{\text{濃度}}{100} = \text{食塩の量}$$

$$\underline{\underline{A \ 400}}$$



$$\begin{array}{r} 3 \overline{) 18, 42} \\ 2 \overline{) 6, 14} \\ 3, 7 \\ 3 \times 2 \times 7 = 126 \end{array}$$

$$1000 \div 126 = 7 \dots 18$$

$$126 \times 8 + 12 = 1020$$

A. 1020

(4)

1	2	3	4	5	6	8	10
\times	\times	\times	\times	\times	\times	\times	\times
120	60	40	30	24	20	15	12

積が120の組合せ (約数のペア)

和が23なのは 8と15

A. 8, 15

(5) $3:4 = 24:妹$

$$妹 = 4 \times 24 \div 3 = 32$$

$$60 - (姉 + 妹) = 60 - (24 + 32) = 4$$

A. 4

(6)

$$40 \text{ cm} \times 60 \text{ 秒} \times 60 \frac{1}{10} = 144000 \text{ cm}$$

↑ km ↑ m

単位に注意

A. 1.44

[3] (1)

2時間

2 $\overline{) 5 \text{ 時間}}$

4

1時間 → 60分

$$60 + 13 = 73 \text{ 分}$$

36分

2 $\overline{) 73 \text{ 分}}$

6

13

12

1分 = 60秒

$$60 \text{ 秒} + 50 \text{ 秒} = 110 \text{ 秒}$$

全部を秒に直す必要はない

55秒

2 $\overline{) 110 \text{ 秒}}$

10

10

10

0

A. 2時間36分55秒

(2)

$$74 \times (18 + 12) = 2220 \text{ 点} \quad \text{全員の合計点}$$

$$70 \times 18 = 1260 \text{ 点} \quad \text{男子の}$$

$$960 \text{ 点} \quad \text{女子の合計点}$$

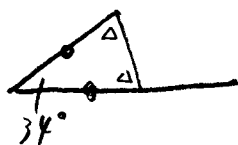
$$960 \div 12 = 80$$

A 80点

(3)



$$x = 68 \div 2 = 34^\circ$$



$$\Delta = (180 - 34) \div 2$$

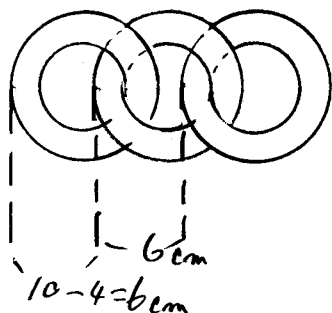
$$= 146 \div 2$$

$$= 73^\circ$$

$$\star = 180 - (68 + 73) = 39$$

A 39°

[4] (1)



先立端から次々先立端までが6cm

$$6 \times 15 + 4 = 94$$

↑

最後のリングは先立端ではないので

その差4cm

A 94cm

$$(2) \quad 178 - 4 = 174 \text{ cm} \quad \dots (1) \text{ で加えた } 4 \text{ cm 分を取り}$$

$$174 \div 6 = 29$$

A. 29個

$$[5] \quad (1) \quad \text{元の面積} = 24 \times 24 \quad \text{1回折ると } \frac{1}{2} \text{ になる}$$

$$24 \times 24 \times \frac{1}{2} \times \frac{1}{2} \times \frac{1}{2} \times \frac{1}{2} \times \frac{1}{2} \times \frac{1}{2} = 9$$

A 9cm²

$$(2) \quad 2 \text{ 回 } 24 \text{ cm} \quad 4 \text{ 回 } 24 \times \frac{1}{2} = 12 \quad 6 \text{ 回 } 12 \times \frac{1}{2} = 6$$

A. 6cm

2分左: $6 \times 2 = 12\text{cm}$ 減ったはず

A 42 cm

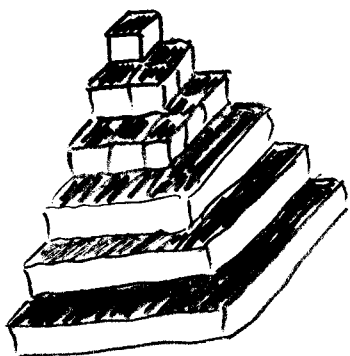
$$A \text{ の1分間の量} = 1\text{cm} + 6\text{cm} = 7\text{cm}$$

$$42 \div 7 = 6$$

A 6分

A. 91個

4 部分



$$6\text{cm} \times 2 \text{枚} = 36 \times 2 = 72\text{cm}^2$$

前後左右から見ると $(1+2+3+4+5+6) \times 4$ 面
(上の図の白い所) $= 21 \times 4 = 84 \text{ cm}^2$

$$72 + 84 = 156$$

$A = 156 \text{ cm}^2$