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- 1 (1)  $29 - 2 \times (17 - 42 \div 7) = \square$
- (2)  $2.15 \times 8 + 11.2 \times 5 + 2.85 \times 8 + 0.8 \times 5 = \square$
- (3)  $2\frac{3}{4} - \square \times \left\{ \left( 0.75 + \frac{1}{4} \right) \div \frac{2}{3} - 1.25 \right\} = 2$

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- 1 (1) 次の計算をなさい。
- $$\left\{ \frac{3}{4} \times 2 - \left( \frac{3}{8} + 1 \div 5 \right) \right\} - 0.625$$
- (2) 4けたの数を2けたの数で割ったら右のようになりました。
- この4けたの数を求めなさい。

$$\begin{array}{r} \phantom{2}\square \overline{) \begin{array}{r} \phantom{0}3\phantom{0}2\phantom{0}9 \\ \phantom{0}\square\square\square\square \\ \hline \phantom{0}\square\square \\ \phantom{0}\square\square \\ \hline \phantom{0}\square\square\square \\ \phantom{0}2\phantom{0}4\square \\ \hline \phantom{0}1\phantom{0}8 \end{array}} \end{array}$$

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- 1 (1)  $39123 \times 31543 = \square$
- (2)  $0.125 \div (1 + 1 \times 2 + 2 \times 3 + 3 \times 4 + 4 \times 5 + 5 \times 6 + 6 \times 7 + 7 \times 8 + 8 \times 9 + 10) = \square$
- (3)  $\left( 1\frac{2}{3} \times 2.25 \times \frac{1}{7} - 2\frac{1}{6} \div 4.375 + 1.3 \div 10.5 \right) \times \left( 7 - \frac{1}{3} \right) = \square$
- (4)  $10 - \left[ \frac{13}{8} \div \left\{ \frac{1}{5} \times \left( \frac{1}{2} + \frac{1}{3} + \frac{1}{4} \right) \times 6 \right\} \div \frac{7}{12} \right] - \frac{9}{14} = \square$

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- 1 (1)  $2 + 3 \times \frac{1}{5} = \square \text{ ア}$
- (2)  $4\frac{1}{3} + 3 \div 1\frac{1}{5} = \square \text{ イ}$
- (3)  $1.6856 \div 0.56 = \square \text{ ウ}$
- (4)  $7 \times (0.14 + 3) - 0.98 = \square \text{ エ}$
- (5)  $25 \div \left\{ \frac{1}{3} \times \left( 0.3 + 2\frac{2}{5} \right) + \frac{3}{5} \right\} = \square \text{ オ}$
- (6)  $16 - (2 + \square \text{ カ} \div 3) = 8$
- (7)  $5 \div \left( 4 - \frac{2}{3} \right) + \square \text{ キ} \times \frac{7}{8} = 2$
- (8)  $\frac{3}{4} \text{ kg} : 500 \text{ g} = \square \text{ ク} : \square \text{ ケ}$  (最も簡単な整数比で表しなさい。)
- (9)  $2008 \text{ 分} = 1 \text{ 日 } \square \text{ コ} \text{ 時間 } \square \text{ サ} \text{ 分}$
- (10)  $25.3 \text{ m} + 0.46 \text{ km} - 50 \text{ cm} = \square \text{ シ} \text{ m}$

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1.  $\left\{ 1\frac{1}{2} - \left( \frac{8}{15} - \frac{2}{5} \right) \times 0.75 \right\} \div 2\frac{1}{3} = \square \text{ ア}$
2.  $4 - \frac{1}{3} \times \left( \square \text{ イ} - \frac{7}{12} \right) \div \frac{1}{4} = 3\frac{5}{9}$

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$$1. (1) 29 - 2 \times (17 - 42 \div 6)$$

$$= 29 - 2 \times 11$$

$$= 29 - 22 = \underline{\underline{7}}$$

$$(2) \underline{2.15 \times 8} + \underline{11.2 \times 5} + \underline{2.85 \times 8} + \underline{0.8 \times 5}$$

$$= \underline{8 \times (2.15 + 2.85)} + \underline{5 \times (11.2 + 0.8)}$$

$$= 8 \times 5 + 5 \times 12$$

$$= 5 \times (8 + 12)$$

$$= 5 \times 20 = \underline{\underline{100}}$$

$$3) 2\frac{3}{4} - \square \times \left\{ \underline{(0.75 + \frac{1}{4}) \div \frac{2}{3} - 1.25} \right\} = 2$$

$$\Downarrow$$
$$\left( \frac{3}{4} + \frac{1}{4} \right) \times \frac{3}{2} - 1\frac{1}{4}$$
$$= \frac{3}{2} - 1\frac{1}{4} = \frac{1}{4}$$

$$2\frac{3}{4} - \square \times \frac{1}{4} = 2$$

$$\square \times \frac{1}{4} = 2\frac{3}{4} - 2 = \frac{3}{4}$$

$$\square = \frac{3}{4} \div \frac{1}{4} = \underline{\underline{3}}$$

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1 (1)

$$\left\{ \frac{3}{4} \times 2 - \left( \frac{3}{8} + 1 \div 5 \right) \right\} - 0.625$$

$\left( \frac{3}{2} \right)$                        $\left( \frac{1}{5} \right)$

$$= \left\{ \frac{3}{2} - \left( \frac{15}{40} + \frac{8}{40} \right) \right\} - \frac{5}{8}$$

$$= \left( \frac{60}{40} - \frac{23}{40} \right) - \frac{5}{8}$$

$$= \frac{37}{40} - \frac{25}{40} = \frac{12}{40} = \underline{\underline{\frac{3}{10}}} \quad (0.3)$$

(2)

$$\begin{array}{r}
 329 \\
 \hline
 2 \square \square \square \square \\
 \square \square \square \square \\
 \hline
 \square \square \square \square \\
 \square \square \square \square \\
 \hline
 \square \square \square \square \\
 24 \square \square \\
 \hline
 18
 \end{array}$$

$$2 \square \times 9 = 24 \square$$

$$\begin{array}{r}
 2 \square \\
 \times 9 \\
 \hline
 \square \square \square \square \\
 \hline
 18
 \end{array}$$

$$\begin{array}{r}
 24 \square \\
 - 18 \\
 \hline
 \square \times 9 = \square \square
 \end{array}$$

↑  
71かない  
~~~~~

$$27 \overline{) 00000} \rightarrow 329 \times 27 + 18 = 8901$$

18

8901

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No.1

1 (1)  $39123 \times 31543$

$$\begin{array}{r} 39123 \\ \times 31543 \\ \hline 117369 \\ 156492 \\ 195615 \\ 39123 \\ 117369 \\ \hline 1234056789 \end{array}$$

A. 1234056789

(2)  $0.125 \div (1 + \underbrace{1 \times 2 + 2 \times 3}_{2 \times (1+3) = 2 \times 4} + \underbrace{3 \times 4 + 4 \times 5}_{4 \times (2+3) = 4 \times 5} + \underbrace{5 \times 6 + 6 \times 7 + 7 \times 8 + 8 \times 9 + 10}_{5 \times (4+4+6) = 5 \times 14 = 7 \times 10} + \underbrace{7 \times (10+6+8) = 7 \times 24 = 7 \times 3 \times 8 = 8 \times 21}_{8 \times (21+9) = 8 \times 30 = 240})$

$$= \frac{1}{8} \div (1 + 240 + 10) = \frac{1}{8} \div 251$$

$$= \frac{1}{2008}$$

(3)  $(1\frac{2}{3} \times 2.25 \times \frac{1}{5} - 2\frac{1}{6} \div 4.375 + 1.3 \div 10.5) \times (7 - \frac{1}{3})$

$$= (\frac{5}{3} \times \frac{9}{4} \times \frac{1}{5} - \frac{13}{6} \times \frac{8}{35} + \frac{13}{5} \times \frac{2}{21}) \times \frac{20}{3}$$

$$= \frac{5 \times 3 \times 3 \times 5 - 13 \times 4 \times 4 + 13 \times 4}{4 \times 3 \times 3 \times 5} \times \frac{20}{3} = \frac{69}{63} = 1\frac{2}{21}$$

次のページへ

(4)

$$10 - \left[ \frac{13}{8} \div \left\{ \frac{1}{5} \times \left( \frac{1}{2} + \frac{1}{3} + \frac{1}{4} \right) \times 6 \right\} \div \frac{7}{12} \right] - \frac{9}{14}$$

$$= 10 - \left[ \frac{13}{8} \div \left\{ \frac{1}{5} \times \left( \frac{6}{12} + \frac{4}{12} + \frac{3}{12} \right) \times 6 \right\} \times \frac{12}{7} \right] - \frac{9}{14}$$

$$= 10 - \left\{ \frac{13}{8} \div \left( \frac{1}{5} \times \frac{13}{12} \times \frac{1}{6} \right) \times \frac{12}{7} \right\} - \frac{9}{14}$$

$$= 10 - \left( \frac{\cancel{12}^1}{\cancel{8}_2} \times \frac{\cancel{12}^5}{\cancel{13}_1} \times \frac{\cancel{12}^3}{\cancel{7}_7} \right) - \frac{9}{14}$$

$$= 10 - \frac{30}{14} - \frac{9}{14}$$

$$= 7 \frac{42}{14} - \frac{30}{14} - \frac{9}{14}$$

$$= \underline{\underline{7 \frac{3}{14}}}$$

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$$1. (1) 2 + 3 \times \frac{1}{5} = 2 + \frac{3}{5} = 2\frac{3}{5}$$

$$(2) 4\frac{1}{3} + 3 \div \frac{1}{5} = 4\frac{1}{3} + 3 \div \frac{6}{5} = 4\frac{1}{3} + 3 \times \frac{5}{6} = 4\frac{2}{6} + \frac{15}{6} = 4\frac{17}{6} = 6\frac{5}{6}$$

$$(3) 1.6856 \div 0.56$$

$$= 3.01$$

$$\begin{array}{r} 3.01 \\ 0.56 \overline{) 1.6856} \\ \underline{1.68} \phantom{00} \\ 056 \\ \underline{56} \\ 0 \end{array}$$

$$\begin{array}{r} 3.14 \\ \times 9 \\ \hline 21.98 \\ - 0.98 \\ \hline 21 \end{array}$$

$$(4) 7 \times (0.14 + 3) - 0.98$$

$$= 21$$

$$(5) 25 \div \left\{ \frac{1}{5} \times (0.3 + 2\frac{2}{5}) + \frac{3}{5} \right\} = 25 \div \left( \frac{1}{5} \times \frac{27}{10} + \frac{3}{5} \right) = 25 \div \frac{15}{10}$$

$$= 25 \times \frac{2}{3} = \frac{50}{3} = 16\frac{2}{3}$$

$$(6) 16 - (2 + \square \div 3) = 8 \quad ( \quad ) = 16 - 8 = 8 \quad \square \div 3 = 8 - 2 = 6$$

$$\square = 3 \times 6 = 18$$

$$(7) 5 \div (4 - \frac{2}{3}) + \square \times \frac{7}{8} = 2$$

$$5 \div \frac{10}{3} = 5 \times \frac{3}{10} = \frac{3}{2}$$

$$\square \times \frac{7}{8} = 2 - \frac{3}{2} = \frac{1}{2}$$

$$\square = \frac{1}{2} \div \frac{7}{8} = \frac{1}{2} \times \frac{8}{7} = \frac{4}{7}$$

$$(8) \frac{3}{4} \text{ kg} : 500 \text{ g} = \square : \square$$

$$\downarrow$$

$$0.5 \text{ kg}$$

$$\frac{3}{4} : \frac{1}{2} = \frac{3}{4} : \frac{2}{4} = 3 : 2$$

$$A. \underline{3} : \underline{2}$$

$$(9) 2008 \text{分} = 1 \text{日} \boxed{\phantom{00}} \text{時間} \boxed{\phantom{00}} \text{分}$$

$$1 \text{日} = 24 \text{時間} = 60 \text{分} \times 24 = 1440 \text{分}$$

$$2008 \text{分} - 1440 \text{分} = 568 \text{分}$$

$$568 \text{分} \div 60 \text{分} = 9 \text{ 時間 } 28 \text{ 分}$$

$\uparrow$   $\uparrow$   
 60分 9個      28分 余り

$$\begin{array}{r} 9 \\ 60 \overline{) 568} \\ \underline{540} \\ 28 \end{array}$$

$\begin{matrix} \text{=} & \text{=} \\ \text{A } 9 \text{ 時間} & 28 \text{ 分} \end{matrix}$

$$(10) 25.3 \text{m} + \underbrace{0.46 \text{km}}_{\downarrow} - \underbrace{50 \text{cm}}_{\downarrow} = \boxed{\phantom{000}} \text{m}$$

$$25.3 \text{m} + 460 \text{m} - 0.5 \text{m} = 484.8 \text{m}$$

$$485.3 \text{m}$$

$$\text{A } \underline{484.8} \text{ m}$$

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$$\begin{aligned} 1 \quad & \left\{ 1\frac{1}{2} - \left( \frac{8}{15} - \frac{2}{5} \right) \times 0.75 \right\} \div 2\frac{1}{3} \\ &= \left\{ 1\frac{1}{2} - \frac{8}{15} \times \frac{3}{4} \right\} \times \frac{3}{7} \\ &= \left( 1\frac{5}{10} - \frac{1}{10} \right) \times \frac{3}{7} \\ &= \frac{2}{10} \times \frac{3}{1} = \underline{\underline{\frac{3}{5}}} \end{aligned}$$

$$2. \quad 4 - \frac{1}{3} \times \left( \square - \frac{7}{12} \right) \div \frac{1}{4} = 3\frac{5}{9}$$

①  
②

$$\textcircled{3} = 4 - 3\frac{5}{9} = \frac{4}{9}$$

$$\textcircled{2} = \frac{4}{9} \times \frac{1}{4} = \frac{1}{9}$$

$$\textcircled{1} = \frac{1}{9} \div \frac{1}{3} = \frac{1}{3}$$

$$\square = \frac{7}{12} + \frac{1}{3} = \underline{\underline{\frac{11}{12}}}$$