

分数の四則計算(足し算、引き算、かけ算、割り算)

(1) $\frac{1}{3} + \frac{3}{4} \div \frac{25}{8} \times \frac{25}{9}$

答	1
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(2) $\frac{45}{14} \times \frac{7}{9} - \frac{24}{5} \div \frac{36}{7}$

答	$\frac{47}{30} \left(1\frac{17}{30}\right)$
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(3) $\frac{49}{6} - \frac{18}{5} \times \frac{3}{7} \div \frac{3}{14}$

答	
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(4) $2 + 8 \times \frac{1}{5} - \frac{3}{2}$

答	
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分数の四則計算(足し算、引き算、かけ算、割り算)

(1) $\frac{4}{15} - \frac{14}{5} \div \frac{7}{4} \times \frac{3}{20}$

答	
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(2) $2 - \frac{3}{8} \div \frac{1}{2} \times 2$

答	
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(3) $9 \times \frac{2}{3} - \frac{1}{4} \div \frac{3}{8}$

答	
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(4) $2 \times \frac{4}{5} - \frac{1}{5} \div \frac{1}{4}$

答	
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分数の四則計算(足し算、引き算、かけ算、割り算)

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

答	
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(2) $3 - \frac{5}{2} \times \frac{1}{4} + \frac{7}{4} \times 3$

答	
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(3) $6 \div \frac{2}{3} - 0.8 \times 5$

答	
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(4) $6.5 - \frac{6}{7} \div 3 \times 5\frac{1}{4}$

答	
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解答 分数の四則計算(足し算、引き算、かけ算、割り算)

$$\begin{aligned}
 (1) \quad & \frac{1}{3} + \frac{3}{4} \div \frac{25}{8} \times \frac{25}{9} \\
 & = \frac{1}{3} + \frac{\overset{1}{\cancel{3}}}{\underset{1}{4}} \times \frac{\overset{2}{\cancel{8}}}{\underset{1}{25}} \times \frac{\overset{1}{\cancel{25}}}{\underset{3}{9}} \\
 & = \frac{1}{3} + \frac{2}{3} \\
 & = 1
 \end{aligned}$$

答	1
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$$\begin{aligned}
 (2) \quad & \frac{45}{14} \times \frac{7}{9} - \frac{24}{5} \div \frac{36}{7} \\
 & = \frac{\overset{5}{\cancel{45}}}{\underset{2}{14}} \times \frac{\overset{1}{\cancel{7}}}{\underset{1}{9}} - \frac{\overset{2}{\cancel{24}}}{5} \times \frac{7}{\underset{3}{\cancel{36}}} \\
 & = \frac{5}{2} - \frac{14}{15} \\
 & = \frac{75}{30} - \frac{28}{30} \\
 & = \frac{47}{30} \left(1\frac{17}{30}\right)
 \end{aligned}$$

答	$\frac{47}{30} \left(1\frac{17}{30}\right)$
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$$\begin{aligned}
 (3) \quad & \frac{49}{6} - \frac{18}{5} \times \frac{3}{7} \div \frac{3}{14} \\
 & = \frac{49}{6} - \frac{18}{5} \times \frac{\overset{1}{\cancel{3}}}{\underset{1}{7}} \times \frac{\overset{2}{\cancel{14}}}{\underset{1}{3}} \\
 & = \frac{49}{6} - \frac{36}{5} \\
 & = \frac{245}{30} - \frac{216}{30} \\
 & = \frac{29}{30}
 \end{aligned}$$

答	$\frac{29}{30}$
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$$\begin{aligned}
 (4) \quad & 2 + 8 \times \frac{1}{5} - \frac{3}{2} \\
 & = 2 + \frac{8}{5} - \frac{3}{2} \\
 & = \frac{20}{10} + \frac{16}{10} - \frac{15}{10} \\
 & = \frac{21}{10} \left(2\frac{1}{10}\right)
 \end{aligned}$$

答	$\frac{21}{10} \left(2\frac{1}{10}\right)$
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解答 分数の四則計算(足し算、引き算、かけ算、割り算)

$$\begin{aligned}
 (1) \quad & \frac{4}{15} - \frac{14}{5} \div \frac{7}{4} \times \frac{3}{20} \\
 & = \frac{4}{15} - \frac{\overset{2}{\cancel{14}}}{\underset{1}{\cancel{5}}} \times \frac{\overset{1}{\cancel{4}}}{\underset{1}{\cancel{7}}} \times \frac{3}{\underset{5}{\cancel{20}}} \\
 & = \frac{4}{15} - \frac{6}{25} \\
 & = \frac{20}{75} - \frac{18}{75} \\
 & = \frac{2}{75}
 \end{aligned}$$

答	$\frac{2}{75}$
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$$\begin{aligned}
 (2) \quad & 2 - \frac{3}{8} \div \frac{1}{2} \times 2 \\
 & = 2 - \frac{\overset{1}{\cancel{3}}}{\underset{2}{\cancel{8}}} \times \overset{1}{\cancel{2}} \times \overset{1}{\cancel{2}} \\
 & = 2 - \frac{3}{2} \\
 & = \frac{4}{2} - \frac{3}{2} \\
 & = \frac{1}{2}
 \end{aligned}$$

答	$\frac{1}{2}$
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$$\begin{aligned}
 (3) \quad & 9 \times \frac{2}{3} - \frac{1}{4} \div \frac{3}{8} \\
 & = \overset{3}{\cancel{9}} \times \frac{\overset{1}{\cancel{2}}}{\underset{1}{\cancel{3}}} - \frac{1}{4} \div \frac{3}{8} \\
 & = 6 - \frac{1}{4} \times \frac{\overset{2}{\cancel{8}}}{\underset{1}{\cancel{3}}} \\
 & = 6 - \frac{2}{3} \\
 & = \frac{18}{3} - \frac{2}{3} \\
 & = \frac{16}{3} \left(5 \frac{1}{3} \right)
 \end{aligned}$$

答	$\frac{16}{3} \left(5 \frac{1}{3} \right)$
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$$\begin{aligned}
 (4) \quad & 2 \times \frac{4}{5} - \frac{1}{5} \div \frac{1}{4} \\
 & = \frac{8}{5} - \frac{1}{5} \times 4 \\
 & = \frac{8}{5} - \frac{4}{5} \\
 & = \frac{4}{5}
 \end{aligned}$$

答	$\frac{4}{5}$
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解答 分数の四則計算(足し算、引き算、かけ算、割り算)

$$\begin{aligned}
 (1) \quad & \frac{5}{6} + \frac{1}{3} \div \frac{1}{2} - \frac{1}{5} \\
 & = \frac{5}{6} + \frac{1}{3} \times 2 - \frac{1}{5} \\
 & = \frac{5}{6} + \frac{2}{3} - \frac{1}{5} \\
 & = \frac{25}{30} + \frac{20}{30} - \frac{6}{30}
 \end{aligned}$$

$$\begin{aligned}
 & = \frac{13}{30} \\
 & = \frac{13}{10} \left(1 \frac{3}{10}\right)
 \end{aligned}$$

答	$\frac{13}{10} \left(1 \frac{3}{10}\right)$
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$$\begin{aligned}
 (2) \quad & 3 - \frac{5}{2} \times \frac{1}{4} + \frac{7}{4} \times 3 \\
 & = 3 - \frac{5}{8} + \frac{21}{4} \\
 & = \frac{24}{8} - \frac{5}{8} + \frac{42}{8} \\
 & = \frac{61}{8} \left(7 \frac{5}{8}\right)
 \end{aligned}$$

答	$\frac{61}{8} \left(7 \frac{5}{8}\right)$
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$$\begin{aligned}
 (3) \quad & 6 \div \frac{2}{3} - 0.8 \times 5 \\
 & = \overset{3}{\cancel{6}} \times \frac{\overset{3}{\cancel{3}}}{\underset{1}{\cancel{2}}} - \frac{\overset{4}{\cancel{4}}}{\underset{1}{\cancel{5}}} \times \overset{1}{\cancel{5}} \\
 & = 9 - 4 \\
 & = 5
 \end{aligned}$$

答	5
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$$\begin{aligned}
 (4) \quad & 6.5 - \frac{6}{7} \div 3 \times 5 \frac{1}{4} \\
 & = \frac{13}{2} - \frac{\overset{1}{\cancel{6}}}{\underset{1}{\cancel{7}}} \times \frac{1}{\underset{1}{\cancel{3}}} \times \frac{\overset{3}{\cancel{21}}}{\underset{1}{\cancel{4}}} \\
 & = \frac{13}{2} - \frac{3}{2}
 \end{aligned}$$

$$\begin{aligned}
 & = \frac{10}{2} \\
 & = 5
 \end{aligned}$$

答	5
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