

分数の四則計算 レベル4

目標時間	10分
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NO.2

名前

/6 点

□ 次の計算をしなさい

① $9 \div 15 - 3 \div 10$

② $1.8 \times \frac{5}{6} - 0.7$

③ $3 \frac{1}{3} \div 5 - \frac{1}{4}$

④ $8 \div \left(\frac{2}{3} - \frac{1}{4} + \frac{1}{12} \right)$

⑤ $\left(\frac{5}{6} - \frac{1}{2} \right) \times \left(\frac{7}{8} + \frac{1}{4} \right)$

⑥ $\frac{5}{6} - \left| \frac{1}{4} \div \frac{15}{8} \right|$

答え

$$\textcircled{1} \quad \frac{9}{15} - \frac{3}{10} = \frac{3}{5} - \frac{3}{10} = \frac{6}{10} - \frac{3}{10} = \frac{3}{10}$$

$$\textcircled{2} \quad \frac{18}{10} \times \frac{5}{6} - \frac{7}{10} = \frac{3}{2} - \frac{7}{10} = \frac{15}{10} - \frac{7}{10} = \frac{8}{10} = \frac{4}{5}$$

$$\textcircled{3} \quad \frac{10}{3} \times \frac{1}{5} - \frac{1}{4} = \frac{2}{3} - \frac{1}{4} = \frac{8}{12} - \frac{3}{12} = \frac{5}{12}$$

$$\begin{aligned} \textcircled{4} \quad 8 \div \left(\frac{8}{12} - \frac{3}{12} + \frac{1}{12} \right) &= 8 \div \frac{6}{12} = 8 \div \frac{1}{2} \\ &= 8 \times \frac{2}{1} = 16 \end{aligned}$$

$$\begin{aligned} \textcircled{5} \quad \left(\frac{5}{6} - \frac{3}{6} \right) \times \left(\frac{7}{8} + \frac{2}{8} \right) &= \frac{2}{6} \times \frac{9}{8} = \frac{1}{3} \times \frac{9}{8} \\ &= \frac{3}{8} \end{aligned}$$

$$\textcircled{6} \quad \frac{5}{6} - \frac{5}{4} \times \frac{8}{15} = \frac{5}{6} - \frac{2}{3} = \frac{5}{6} - \frac{4}{6} = \frac{1}{6}$$