

分数の四則計算 レベル1

目標時間	7分
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NO.2

名前

／12 点

□ 次の計算をしなさい

① $\frac{3}{5} \times \frac{5}{6} + \frac{1}{4}$

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

③ $\frac{7}{8} - \frac{1}{4} \times \frac{2}{3}$

④ $\frac{1}{5} + \frac{3}{4} \div 2$

⑤ $\frac{8}{9} - \frac{2}{3} \div \frac{4}{3}$

⑥ $\frac{3}{8} \times \frac{4}{5} + \frac{1}{3}$

⑦ $\frac{5}{6} \div \frac{10}{7} - \frac{1}{4}$

⑧ $\frac{2}{7} + \frac{3}{4} \times \frac{2}{5}$

答え

$$\textcircled{1} \quad \frac{3}{5} \times \frac{5}{6} + \frac{1}{4} = \frac{1}{2} + \frac{1}{4} = \frac{2}{4} + \frac{1}{4} = \frac{3}{4}$$

$$\begin{aligned} \textcircled{2} \quad \frac{4}{7} \div \frac{2}{3} - \frac{1}{2} &= \frac{4}{7} \times \frac{3}{2} - \frac{1}{2} = \frac{6}{7} - \frac{1}{2} \\ &= \frac{12}{14} - \frac{7}{14} = \frac{5}{14} \end{aligned}$$

$$\textcircled{3} \quad \frac{7}{8} - \frac{1}{4} \times \frac{2}{3} = \frac{7}{8} - \frac{1}{6} = \frac{21}{24} - \frac{4}{24} = \frac{17}{24}$$

$$\begin{aligned} \textcircled{4} \quad \frac{1}{5} + \frac{3}{4} \div 2 &= \frac{1}{5} + \frac{3}{4} \times \frac{1}{2} = \frac{1}{5} + \frac{3}{8} \\ &= \frac{8}{40} + \frac{15}{40} = \frac{23}{40} \end{aligned}$$

$$\begin{aligned} \textcircled{5} \quad \frac{8}{9} - \frac{2}{3} \div \frac{4}{3} &= \frac{8}{9} - \frac{2}{3} \times \frac{3}{4} = \frac{8}{9} - \frac{1}{2} \\ &= \frac{16}{18} - \frac{9}{18} = \frac{7}{18} \end{aligned}$$

$$\textcircled{6} \quad \frac{3}{8} \times \frac{4}{5} + \frac{1}{3} = \frac{3}{10} + \frac{1}{3} = \frac{9}{30} + \frac{10}{30} = \frac{19}{30}$$

$$\begin{aligned} \textcircled{7} \quad \frac{5}{6} \div \frac{10}{7} - \frac{1}{4} &= \frac{5}{6} \times \frac{7}{12} - \frac{1}{4} = \frac{7}{12} - \frac{3}{12} \\ &= \frac{4}{12} = \frac{1}{3} \end{aligned}$$

$$\textcircled{8} \quad \frac{2}{7} + \frac{3}{4} \times \frac{2}{5} = \frac{2}{7} + \frac{3}{10} = \frac{20}{70} + \frac{21}{70} = \frac{41}{70}$$