

分数の四則計算 レベル1

目標時間

7分

NO.3

名前

/12 点

□ 次の計算をしなさい

① $\frac{2}{5} \times \frac{1}{2} + \frac{1}{3}$

② $\frac{5}{6} \div 2 - \frac{1}{4}$

③ $\frac{4}{5} - \frac{3}{8} \times \frac{4}{5}$

④ $\frac{1}{6} + \frac{3}{4} \div \frac{9}{5}$

⑤ $\frac{8}{9} - \frac{5}{6} \div 3$

⑥ $\frac{5}{8} \times \frac{4}{7} + \frac{1}{6}$

⑦ $\frac{9}{10} \div \frac{6}{5} - \frac{2}{9}$

⑧ $\frac{2}{7} + \frac{4}{5} \times \frac{5}{12}$

答え

$$\textcircled{1} \quad \frac{2}{5} \times \frac{1}{2} + \frac{1}{3} = \frac{1}{5} + \frac{1}{3} = \frac{3}{15} + \frac{5}{15} = \frac{8}{15}$$

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

$$\begin{aligned} \textcircled{3} \quad \frac{4}{5} - \frac{3}{8} \times \frac{4}{5} &= \frac{4}{5} - \frac{3}{10} = \frac{8}{10} - \frac{3}{10} = \frac{5}{10} \\ &= \frac{1}{2} \end{aligned}$$

$$\begin{aligned} \textcircled{4} \quad \frac{1}{6} + \frac{3}{4} \div \frac{9}{5} &= \frac{1}{6} + \frac{3}{4} \times \frac{5}{9} = \frac{1}{6} + \frac{5}{12} \\ &= \frac{2}{12} + \frac{5}{12} = \frac{7}{12} \end{aligned}$$

$$\begin{aligned} \textcircled{5} \quad \frac{8}{9} - \frac{5}{6} \div 3 &= \frac{8}{9} - \frac{5}{6} \times \frac{1}{3} = \frac{8}{9} - \frac{5}{18} \\ &= \frac{16}{18} - \frac{5}{18} = \frac{11}{18} \end{aligned}$$

$$\begin{aligned} \textcircled{6} \quad \frac{5}{8} \times \frac{4}{7} + \frac{1}{6} &= \frac{5}{14} + \frac{1}{6} = \frac{15}{42} + \frac{7}{42} = \frac{22}{42} \\ &= \frac{11}{21} \end{aligned}$$

$$\begin{aligned} \textcircled{7} \quad \frac{9}{10} \div \frac{6}{5} - \frac{2}{9} &= \frac{9}{10} \times \frac{5}{6} - \frac{2}{9} = \frac{3}{4} - \frac{2}{9} \\ &= \frac{27}{36} - \frac{8}{36} = \frac{19}{36} \end{aligned}$$

$$\textcircled{8} \quad \frac{2}{7} + \frac{4}{5} \times \frac{5}{12} = \frac{2}{7} + \frac{1}{3} = \frac{6}{21} + \frac{7}{21} = \frac{13}{21}$$