

分数の四則計算 レベル1

目標時間

7分

NO.1

名前

/12 点

□ 次の計算をなさい

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

$$\textcircled{2} \quad \frac{3}{4} \div \frac{1}{2} - \frac{1}{3}$$

$$\textcircled{3} \quad \frac{5}{6} - \frac{1}{2} \times \frac{2}{3}$$

$$\textcircled{4} \quad \frac{2}{5} + \frac{3}{10} \div \frac{1}{2}$$

$$\textcircled{5} \quad \frac{7}{8} - \frac{3}{4} \div 2$$

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

$$\textcircled{7} \quad \frac{7}{9} \div \frac{2}{3} - \frac{1}{4}$$

$$\textcircled{8} \quad \frac{3}{10} + \frac{2}{5} \times \frac{5}{8}$$

答え

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

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

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

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

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

$$\begin{aligned} \textcircled{6} \quad \frac{4}{5} \times \frac{2}{3} + \frac{1}{6} &= \frac{8}{15} + \frac{1}{6} = \frac{8}{15} + \frac{1}{6} \\ &= \frac{16}{30} + \frac{5}{30} = \frac{21}{30} = \frac{7}{10} \end{aligned}$$

$$\begin{aligned} \textcircled{7} \quad \frac{7}{9} \div \frac{2}{3} - \frac{1}{4} &= \frac{7}{9} \times \frac{3}{2} - \frac{1}{4} = \frac{7}{6} - \frac{1}{4} \\ &= \frac{14}{12} - \frac{3}{12} = \frac{11}{12} \end{aligned}$$

$$\textcircled{8} \quad \frac{3}{10} + \frac{2}{5} \times \frac{5}{8} = \frac{3}{10} + \frac{1}{4} = \frac{6}{20} + \frac{5}{20} = \frac{11}{20}$$