

分数の四則計算 レベル4

目標時間

10分

NO.1

名前

/ 6 点

□ 次の計算をしなさい

① $8 \div 12 + 5 \div 6$

② $0.4 + 1.5 \times \frac{2}{3}$

③ $2 \frac{1}{4} \div 3 + \frac{1}{6}$

④ $10 \div \left(\frac{1}{2} + \frac{1}{3} - \frac{1}{6} \right)$

⑤ $\left(\frac{3}{4} + \frac{1}{2} \right) \div \left(\frac{5}{6} - \frac{1}{3} \right)$

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

答え

$$\textcircled{1} \quad \frac{8}{12} + \frac{5}{6} = \frac{2}{3} + \frac{5}{6} = \frac{4}{6} + \frac{5}{6} = \frac{9}{6} = \frac{3}{2}$$

$$\textcircled{2} \quad \frac{2}{5} + \frac{3}{2} \times \frac{2}{3} = \frac{2}{5} + 1 = \frac{2}{5} + \frac{5}{5} = \frac{7}{5}$$

$$\textcircled{3} \quad \frac{9}{4} \times \frac{1}{3} + \frac{1}{6} = \frac{3}{4} + \frac{1}{6} = \frac{9}{12} + \frac{2}{12} = \frac{11}{12}$$

$$\begin{aligned} \textcircled{4} \quad 10 \div \left(\frac{3}{6} + \frac{2}{6} - \frac{1}{6} \right) &= 10 \div \frac{4}{6} = 10 \div \frac{2}{3} \\ &= 10 \times \frac{3}{2} = 15 \end{aligned}$$

$$\begin{aligned} \textcircled{5} \quad \left(\frac{3}{4} + \frac{2}{4} \right) \div \left(\frac{5}{6} - \frac{2}{6} \right) &= \frac{5}{4} \div \frac{3}{6} = \frac{5}{4} \times 2 \\ &= \frac{5}{2} \end{aligned}$$

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