

分数の四則計算 レベル4

目標時間

10分

NO.3

名前

/6 点

□ 次の計算をなさい

① $12 \div 18 - 4 \div 15$

② $1.5 \div \frac{9}{4} + 0.2$

③ $\frac{5}{6} + 2 \div 1\frac{1}{5}$

④ $12 \times \left(\frac{5}{6} - \frac{3}{8} + \frac{1}{12} \right)$

⑤ $\left(\frac{2}{3} + \frac{1}{4} \right) \div \left(\frac{7}{6} + \frac{2}{3} \right)$

⑥ $2\frac{2}{3} \times \frac{3}{16} - \frac{1}{4}$

答え

$$\textcircled{1} \quad \frac{12}{18} - \frac{4}{15} = \frac{2}{3} - \frac{4}{15} = \frac{10}{15} - \frac{4}{15} = \frac{6}{15} = \frac{2}{5}$$

$$\textcircled{2} \quad \frac{15}{10} \times \frac{4}{9} + \frac{2}{10} = \frac{2}{3} + \frac{1}{5} = \frac{10}{15} + \frac{3}{15} = \frac{13}{15}$$

$$\begin{aligned} \textcircled{3} \quad \frac{5}{6} + 2 \div \frac{6}{5} &= \frac{5}{6} + 2 \times \frac{5}{6} = \frac{5}{6} + \frac{10}{6} \\ &= \frac{15}{6} = \frac{5}{2} \end{aligned}$$

$$\textcircled{4} \quad 12 \times \left(\frac{20}{24} - \frac{9}{24} + \frac{2}{24} \right) = 12 \times \frac{13}{24} = \frac{13}{2}$$

$$\begin{aligned} \textcircled{5} \quad \left(\frac{8}{12} + \frac{3}{12} \right) \div \left(\frac{7}{6} + \frac{4}{6} \right) &= \frac{11}{12} \div \frac{11}{6} = \frac{11}{12} \times \frac{6}{11} \\ &= \frac{1}{2} \end{aligned}$$

$$\textcircled{6} \quad \frac{8}{3} \times \frac{3}{16} - \frac{1}{4} = \frac{1}{2} - \frac{1}{4} = \frac{1}{4}$$