

分数の四則計算 レベル3

目標時間	10分
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NO.2

名前

/ 8 点

□ 次の計算をしなさい

① $\left(\frac{2}{3} + \frac{1}{4}\right) \times \frac{6}{11}$

② $\frac{3}{4} \times \frac{8}{9} + \frac{1}{6} \div \frac{3}{4}$

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

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

⑤ $\frac{4}{5} \div \frac{8}{15} - \frac{2}{3} \times \frac{3}{8}$

⑥ $\left(\frac{5}{2} - \frac{1}{3}\right) \div 13$

⑦ $4 + \left(\frac{3}{4} - \frac{2}{5}\right) \times 10$

⑧ $\frac{2}{5} \div \frac{4}{3} + \frac{3}{8} \times \frac{4}{5} + \frac{1}{5}$

答え

$$\textcircled{1} \quad \left(\frac{8}{12} + \frac{3}{12}\right) \times \frac{6}{11} = \frac{11}{12} \times \frac{6}{11} = \frac{1}{2}$$

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

$$\textcircled{3} \quad 6 \div \left(\frac{5}{10} + \frac{4}{10}\right) = 6 \div \frac{9}{10} = 6 \times \frac{10}{9} = \frac{20}{3}$$

$$\begin{aligned} \textcircled{4} \quad 7 - \left(\frac{8}{12} + \frac{3}{12}\right) \times 6 &= 7 - \frac{11}{12} \times 6 \\ &= 7 - \frac{11}{2} = \frac{14}{2} - \frac{11}{2} = \frac{3}{2} \end{aligned}$$

$$\textcircled{5} \quad \frac{4}{5} \times \frac{15}{8} - \frac{2}{3} \times \frac{3}{8} = \frac{3}{2} - \frac{1}{4} = \frac{6}{4} - \frac{1}{4} = \frac{5}{4}$$

$$\textcircled{6} \quad \left(\frac{15}{6} - \frac{2}{6}\right) \times \frac{1}{13} = \frac{13}{6} \times \frac{1}{13} = \frac{1}{6}$$

$$\begin{aligned} \textcircled{7} \quad 4 + \left(\frac{15}{20} - \frac{8}{20}\right) \times 10 &= 4 + \frac{7}{20} \times 10 \\ &= \frac{8}{2} + \frac{7}{2} = \frac{15}{2} \end{aligned}$$

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