

分数の四則計算 レベル2 (工夫する)

目標時間

7分

NO.2

名前

/8 点

□ 次の式をくふうして計算をしましょう。

$$\textcircled{1} \quad \left(\frac{5}{6} - \frac{3}{8} \right) \times 24$$

$$\textcircled{2} \quad \frac{5}{9} \div \frac{8}{7} \times \frac{18}{5}$$

$$\textcircled{3} \quad \frac{7}{12} \times \frac{8}{5} + \frac{5}{12} \times \frac{8}{5}$$

$$\textcircled{4} \quad \frac{25}{14} - \frac{5}{9} + \frac{17}{14}$$

$$\textcircled{5} \quad \frac{33}{7} \div \frac{2}{3} - \frac{5}{7} \div \frac{2}{3}$$

$$\textcircled{6} \quad 30 \times \left(\frac{2}{5} + \frac{1}{6} \right)$$

$$\textcircled{7} \quad \frac{29}{12} \div \frac{5}{7} + \frac{31}{12} \div \frac{5}{7}$$

$$\textcircled{8} \quad \frac{31}{8} \times \frac{4}{9} - \frac{7}{8} \times \frac{4}{9}$$

答え

$$\textcircled{1} \quad \frac{5}{6} \times 24 - \frac{3}{8} \times 24 = 20 - 9 = 11$$

$$\textcircled{2} \quad \frac{5}{9} \times \frac{18}{5} \times \frac{7}{8} = 2 \times \frac{7}{8} = \frac{7}{4}$$

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

$$\textcircled{4} \quad \frac{25}{14} + \frac{17}{14} - \frac{5}{9} = \frac{42}{14} - \frac{5}{9} = 3 - \frac{5}{9} = \frac{22}{9}$$

$$\begin{aligned} \textcircled{5} \quad \left(\frac{33}{7} - \frac{5}{7} \right) \div \frac{2}{3} &= \frac{28}{7} \times \frac{3}{2} = 4 \times \frac{3}{2} \\ &= 6 \end{aligned}$$

$$\textcircled{6} \quad 30 \times \frac{2}{5} + 30 \times \frac{1}{6} = 12 - 5 = 17$$

$$\begin{aligned} \textcircled{7} \quad \left(\frac{29}{12} + \frac{31}{12} \right) \div \frac{3}{4} &= \frac{60}{12} \times \frac{5}{7} = 5 \times \frac{5}{7} \\ &= 7 \end{aligned}$$

$$\begin{aligned} \textcircled{8} \quad \left(\frac{31}{8} - \frac{7}{8} \right) \times \frac{4}{9} &= \frac{24}{8} \times \frac{4}{9} = 3 \times \frac{4}{9} \\ &= \frac{4}{3} \end{aligned}$$