

## 分数の計算 2

目標時間 12分

NO. 1

名前

／ 10 点

★次の計算をくふうしてしましょう。（途中式を書きましょう。）

$$\textcircled{1} \quad \frac{30}{7} \times \left( \frac{1}{5} + \frac{5}{6} \right)$$

$$\textcircled{2} \quad \frac{35}{11} \times \left( \frac{6}{5} - \frac{1}{7} \right)$$

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

$$\textcircled{4} \quad \frac{3}{5} \times \frac{10}{9} + \frac{6}{5} \times \frac{10}{9}$$

$$\textcircled{5} \quad \frac{9}{8} \times \frac{5}{6} - \frac{3}{8} \times \frac{5}{6}$$

$$\textcircled{6} \quad \frac{12}{13} \times \frac{1}{11} + \frac{12}{13} \times \frac{12}{11}$$

$$\textcircled{7} \quad \frac{11}{12} + \frac{5}{6} \times 1.1$$

$$\textcircled{8} \quad \frac{8}{9} + \frac{7}{6} \div 0.7$$

## 答え

$$\textcircled{1} \frac{30}{7} \times \frac{1}{5} + \frac{30}{7} \times \frac{5}{6} = \frac{6}{7} + \frac{25}{7} = \frac{31}{7} \quad \frac{31}{7}$$

$$\textcircled{2} \frac{35}{11} \times \frac{6}{5} - \frac{35}{11} \times \frac{1}{7} = \frac{42}{11} - \frac{5}{11} = \frac{37}{11} \quad \frac{37}{11}$$

$$\textcircled{3} \frac{5}{4} \times 12 - \frac{1}{6} \times 12 = 15 - 2 = 13$$

$$\textcircled{4} \left( \frac{3}{5} + \frac{6}{5} \right) \times \frac{10}{9} = \frac{9}{5} \times \frac{10}{9} = \frac{2}{1} = 2$$

$$\textcircled{5} \left( \frac{9}{8} - \frac{3}{8} \right) \times \frac{5}{6} = \frac{6}{8} \times \frac{5}{6} = \frac{5}{8}$$

$$\textcircled{6} \left( \frac{1}{11} + \frac{12}{11} \right) \times \frac{12}{13} = \frac{13}{11} \times \frac{12}{13} = \frac{12}{11}$$

$$\textcircled{7} \frac{11}{12} + \frac{5}{6} \times \frac{11}{10} = \frac{11}{12} + \frac{11}{12} = \frac{11}{12} + \frac{11}{12} = \frac{22}{12} \quad \frac{11}{6}$$

$$\textcircled{8} \frac{8}{9} + \frac{7}{6} \div \frac{7}{10} = \frac{8}{9} + \frac{5}{3} = \frac{8}{9} + \frac{15}{9} = \frac{23}{9} \quad \frac{23}{9}$$