

## 分数の計算 2

目標時間 12分

NO. 3

名前

/ 8 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。)

$$\textcircled{1} \quad \frac{20}{7} \times \left( \frac{1}{4} + \frac{4}{5} \right)$$

$$\textcircled{2} \quad \frac{12}{11} \times \left( \frac{5}{4} - \frac{1}{6} \right)$$

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

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

$$\textcircled{5} \quad \frac{10}{9} \times \frac{6}{7} - \frac{3}{9} \times \frac{6}{7}$$

$$\textcircled{6} \quad \frac{7}{8} \times \frac{1}{6} + \frac{7}{8} \times \frac{7}{6}$$

$$\textcircled{7} \quad \frac{11}{12} + \frac{5}{6} \times 0.8$$

$$\textcircled{8} \quad \frac{9}{10} + \frac{8}{7} \div 0.8$$

## 答え

$$\textcircled{1} \frac{20}{7} \times \frac{1}{4} + \frac{20}{7} \times \frac{4}{5} = \frac{5}{7} + \frac{16}{7} = \frac{21}{7} = \frac{3}{1}$$

$$\textcircled{2} \frac{12}{11} \times \frac{5}{4} - \frac{12}{11} \times \frac{1}{6} = \frac{15}{11} - \frac{2}{11} = \frac{13}{11} = \frac{13}{11}$$

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

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

$$\textcircled{5} \left( \frac{10}{9} - \frac{3}{9} \right) \times \frac{6}{7} = \frac{7}{9} \times \frac{6}{7} = \frac{2}{3}$$

$$\textcircled{6} \left( \frac{1}{6} + \frac{7}{6} \right) \times \frac{7}{8} = \frac{8}{6} \times \frac{7}{8} = \frac{7}{6}$$

$$\textcircled{7} \frac{11}{12} + \frac{5}{6} \times \frac{8}{10} = \frac{11}{12} + \frac{2}{3} = \frac{11}{12} + \frac{8}{12} = \frac{19}{12} = \frac{19}{12}$$

$$\textcircled{8} \frac{9}{10} + \frac{8}{7} \div \frac{8}{10} = \frac{9}{10} + \frac{10}{7} = \frac{63}{70} + \frac{100}{70} = \frac{163}{70} = \frac{163}{70}$$