

分数の計算 2

目標時間 12分

NO. 2

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。)

$$\textcircled{1} \quad \frac{12}{7} \times \left(\frac{1}{3} + \frac{3}{4} \right)$$

$$\textcircled{2} \quad \frac{15}{11} \times \left(\frac{4}{3} - \frac{1}{5} \right)$$

$$\textcircled{3} \quad \left(\frac{4}{3} - \frac{1}{5} \right) \times 15$$

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

$$\textcircled{5} \quad \frac{7}{6} \times \frac{3}{4} - \frac{3}{6} \times \frac{3}{4}$$

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

$$\textcircled{7} \quad \frac{11}{12} + \frac{5}{6} \times 0.9$$

$$\textcircled{8} \quad \frac{11}{12} + \frac{5}{4} \div 0.5$$

答え

$$\textcircled{1} \frac{12}{7} \times \frac{1}{3} + \frac{12}{7} \times \frac{3}{4} = \frac{4}{7} + \frac{9}{7} = \frac{13}{7} \quad \frac{13}{7}$$

$$\textcircled{2} \frac{15}{11} \times \frac{4}{3} - \frac{15}{11} \times \frac{1}{5} = \frac{20}{11} - \frac{3}{11} = \frac{17}{11} \quad \frac{17}{11}$$

$$\textcircled{3} \frac{4}{3} \times 15 - \frac{1}{5} \times 15 = 20 - 3 = 17$$

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

$$\textcircled{5} \left(\frac{7}{6} - \frac{3}{6} \right) \times \frac{3}{4} = \frac{4}{6} \times \frac{3}{4} = \frac{1}{2}$$

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

$$\textcircled{7} \frac{11}{12} + \frac{5}{6} \times \frac{9}{10} = \frac{11}{12} + \frac{3}{4} = \frac{11}{12} + \frac{9}{12} = \frac{20}{12} \quad \frac{5}{3}$$

$$\textcircled{8} \frac{11}{12} + \frac{5}{4} \div \frac{5}{10} = \frac{11}{12} + \frac{5}{2} = \frac{11}{12} + \frac{30}{12} = \frac{41}{12} \quad \frac{41}{12}$$