

分数の四則計算 レベル2 (工夫する)

目標時間

7分

NO.3

名前

/8 点

□ 次の式をくふうして計算をしましょう。

$$\textcircled{1} \quad \frac{13}{15} \div \frac{9}{8} + \frac{32}{25} \div \frac{9}{8}$$

$$\textcircled{2} \quad \frac{55}{16} \times \frac{2}{5} - \frac{7}{16} \times \frac{2}{5}$$

$$\textcircled{3} \quad 42 \times \left(\frac{5}{6} - \frac{4}{7} \right)$$

$$\textcircled{4} \quad \frac{41}{18} - \frac{3}{5} + \frac{11}{18}$$

$$\textcircled{5} \quad \frac{49}{11} \div \frac{8}{3} - \frac{5}{11} \div \frac{8}{3}$$

$$\textcircled{6} \quad \left(\frac{7}{9} - \frac{2}{5} \right) \times 45$$

$$\textcircled{7} \quad \frac{3}{16} \div \frac{7}{10} \times \frac{32}{3}$$

$$\textcircled{8} \quad 48 \times \left(\frac{5}{16} + \frac{7}{12} \right)$$

答え

$$\textcircled{1} \quad \left(\frac{13}{15} + \frac{32}{15} \right) \div \frac{9}{8} = \frac{45}{15} \times \frac{8}{9} = 3 \times \frac{8}{9} \\ = \frac{8}{3}$$

$$\textcircled{2} \quad \left(\frac{55}{16} - \frac{7}{16} \right) \times \frac{2}{5} = \frac{48}{16} \times \frac{2}{5} = 3 \times \frac{2}{5} \\ = \frac{6}{5}$$

$$\textcircled{3} \quad 42 \times \frac{5}{6} - 42 \times \frac{4}{7} = 35 - 24 = 11$$

$$\textcircled{4} \quad \frac{41}{18} + \frac{13}{18} - \frac{3}{5} = \frac{54}{18} - \frac{3}{5} = 3 - \frac{3}{5} = \frac{12}{5}$$

$$\textcircled{5} \quad \left(\frac{49}{11} - \frac{5}{11} \right) \div \frac{8}{3} = \frac{44}{11} \times \frac{3}{8} = 4 \times \frac{3}{8} \\ = \frac{3}{2}$$

$$\textcircled{6} \quad \frac{7}{9} \times 45 - \frac{2}{5} \times 45 = 35 - 18 = 17$$

$$\textcircled{7} \quad \frac{3}{16} \times \frac{10}{7} \times \frac{32}{3} = \frac{3}{16} \times \frac{32}{3} \times \frac{10}{7} = 2 \times \frac{10}{7} \\ = \frac{20}{7}$$

$$\textcircled{8} \quad 48 \times \frac{5}{16} + 48 \times \frac{7}{12} = 15 + 28 = 43$$