

分数の四則計算 レベル2 (工夫する)

目標時間	7分
------	----

NO.1

名前	
----	--

/ 8 点

□ 次の式をくふうして計算をしましょう。

① $\frac{3}{8} \times \frac{4}{7} + \frac{5}{8} \times \frac{4}{7}$

② $\frac{8}{9} \times \frac{7}{5} - \frac{8}{9} \times \frac{2}{5}$

③ $(\frac{1}{4} + \frac{5}{6}) \times 12$

④ $15 \times (\frac{3}{5} - \frac{1}{3})$

⑤ $\frac{4}{9} + \frac{5}{7} + \frac{5}{9}$

⑥ $\frac{3}{8} \times \frac{5}{11} \times \frac{8}{3}$

⑦ $\frac{2}{7} \div \frac{3}{4} + \frac{5}{7} \div \frac{3}{4}$

⑧ $\frac{7}{15} \times \frac{6}{5} - \frac{7}{15} \div 5$

答え

$$\textcircled{1} \quad \left(\frac{3}{8} + \frac{5}{8} \right) \times \frac{4}{7} = 1 \times \frac{4}{7} = \frac{4}{7}$$

$$\textcircled{2} \quad \frac{8}{9} \times \left(\frac{7}{5} - \frac{2}{5} \right) = \frac{8}{9} \times 1 = \frac{8}{9}$$

$$\textcircled{3} \quad \frac{1}{4} \times 12 + \frac{5}{6} \times 12 = 3 + 10 = 13$$

$$\textcircled{4} \quad 15 \times \frac{3}{5} - 15 \times \frac{1}{3} = 9 - 5 = 4$$

$$\textcircled{5} \quad \frac{4}{9} + \frac{5}{9} + \frac{5}{7} = 1 + \frac{5}{7} = \frac{12}{7}$$

$$\textcircled{6} \quad \frac{3}{8} \times \frac{8}{3} \times \frac{5}{11} = 1 \times \frac{5}{11} = \frac{5}{11}$$

$$\textcircled{7} \quad \left(\frac{2}{7} + \frac{5}{7} \right) \div \frac{3}{4} = 1 \times \frac{4}{3} = \frac{4}{3}$$

$$\begin{aligned} \textcircled{8} \quad & \frac{7}{15} \times \frac{6}{5} - \frac{7}{15} \div \frac{1}{5} \\ & = \frac{7}{15} \times \left(\frac{6}{5} - \frac{1}{5} \right) = \frac{7}{15} \times 1 = \frac{7}{15} \end{aligned}$$