

分数のかけ算・わり算 1

目標時間 10分

NO. 3

名前

/6 点

★次の計算をしましょう。(途中式を書きましょう。)

① $\frac{3}{5} \times \frac{3}{7} \div \frac{5}{14}$

② $\frac{3}{10} \times \frac{5}{12} \div \frac{3}{20}$

③ $\frac{5}{8} \div \frac{11}{12} \times \frac{2}{15}$

④ $\frac{5}{6} \div \frac{5}{9} \times \frac{8}{15}$

⑤ $\frac{5}{8} \div \frac{11}{26} \div \frac{13}{11}$

⑥ $\frac{7}{8} \div \frac{7}{24} \div \frac{9}{10}$

答え

$$\textcircled{1} \quad \frac{3}{5} \times \frac{3}{7} \div \frac{5}{14} = \frac{3}{5} \times \frac{3}{7} \times \frac{14}{5} = \frac{18}{25}$$

$$\textcircled{2} \quad \frac{3}{10} \times \frac{5}{12} \div \frac{3}{20} = \frac{3}{10} \times \frac{5}{12} \times \frac{20}{3} = \frac{5}{6}$$

$$\textcircled{3} \quad \frac{5}{8} \div \frac{11}{12} \times \frac{2}{15} = \frac{5}{8} \times \frac{12}{11} \times \frac{2}{15} = \frac{1}{11}$$

$$\textcircled{4} \quad \frac{5}{6} \div \frac{5}{9} \times \frac{8}{15} = \frac{5}{6} \times \frac{9}{5} \times \frac{8}{15} = \frac{4}{5}$$

$$\textcircled{5} \quad \frac{5}{8} \div \frac{11}{26} \div \frac{13}{11} = \frac{5}{8} \times \frac{26}{11} \times \frac{11}{13} = \frac{5}{4}$$

$$\textcircled{6} \quad \frac{7}{8} \div \frac{7}{24} \div \frac{9}{10} = \frac{7}{8} \times \frac{24}{7} \times \frac{10}{9} = \frac{10}{3}$$