

分数のかけ算・わり算

年 組 名前

/10

■ 次の計算をしましょう。

$$\textcircled{1} \frac{2}{7} \times \frac{2}{9} \div \frac{1}{3} = \frac{2 \times 2 \times 3}{7 \times 9 \times 1} = \boxed{}$$

$$\textcircled{2} \frac{5}{6} \div \frac{2}{7} \times \frac{2}{7} = \frac{\times \times}{\times \times} = \boxed{}$$

$$\textcircled{3} \frac{1}{3} \div \frac{2}{5} \div \frac{5}{6} = \frac{\times \times}{\times \times} = \boxed{}$$

$$\textcircled{4} \frac{3}{4} \div \frac{1}{4} \times \frac{1}{9} = \frac{\times \times}{\times \times} = \boxed{}$$

$$\textcircled{5} \frac{2}{5} \times \frac{2}{3} \div \frac{3}{8} = \frac{\times \times}{\times \times} = \boxed{}$$

$$\textcircled{6} \frac{1}{4} \div \frac{5}{8} \div \frac{7}{9} = \frac{\times \times}{\times \times} = \boxed{}$$

$$\textcircled{7} \frac{2}{9} \div \frac{5}{6} \times \frac{1}{7} = \frac{\times \times}{\times \times} = \boxed{}$$

$$\textcircled{8} \frac{3}{8} \div \frac{1}{9} \div \frac{7}{8} = \frac{\times \times}{\times \times} = \boxed{}$$

$$\textcircled{9} \frac{4}{7} \times \frac{4}{5} \div \frac{5}{7} = \frac{\times \times}{\times \times} = \boxed{}$$

$$\textcircled{10} \frac{4}{5} \div \frac{4}{7} \div \frac{5}{9} = \frac{\times \times}{\times \times} = \boxed{}$$

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■ 次の計算をしましょう。

$$\textcircled{1} \frac{2}{7} \times \frac{2}{9} \div \frac{1}{3} = \frac{2 \times 2 \times 3}{7 \times 9 \times 1} = \frac{4}{21}$$

$$\textcircled{2} \frac{5}{6} \div \frac{2}{7} \times \frac{2}{7} = \frac{5 \times 7 \times 2}{6 \times 2 \times 7} = \frac{5}{6}$$

$$\textcircled{3} \frac{1}{3} \div \frac{2}{5} \div \frac{5}{6} = \frac{1 \times 5 \times 6}{3 \times 2 \times 5} = 1$$

$$\textcircled{4} \frac{3}{4} \div \frac{1}{4} \times \frac{1}{9} = \frac{3 \times 4 \times 1}{4 \times 1 \times 9} = \frac{1}{3}$$

$$\textcircled{5} \frac{2}{5} \times \frac{2}{3} \div \frac{3}{8} = \frac{2 \times 2 \times 8}{5 \times 3 \times 3} = \frac{32}{45}$$

$$\textcircled{6} \frac{1}{4} \div \frac{5}{8} \div \frac{7}{9} = \frac{1 \times 8 \times 9}{4 \times 5 \times 7} = \frac{18}{35}$$

$$\textcircled{7} \frac{2}{9} \div \frac{5}{6} \times \frac{1}{7} = \frac{2 \times 6 \times 1}{9 \times 5 \times 7} = \frac{4}{105}$$

$$\textcircled{8} \frac{3}{8} \div \frac{1}{9} \div \frac{7}{8} = \frac{3 \times 9 \times 8}{8 \times 1 \times 7} = \frac{27}{7}$$

$$\textcircled{9} \frac{4}{7} \times \frac{4}{5} \div \frac{5}{7} = \frac{4 \times 4 \times 7}{7 \times 5 \times 5} = \frac{16}{25}$$

$$\textcircled{10} \frac{4}{5} \div \frac{4}{7} \div \frac{5}{9} = \frac{4 \times 7 \times 9}{5 \times 4 \times 5} = \frac{63}{25}$$