

分数のかけ算・わり算

年 組 名前

/10

■ 次の計算をしましょう。

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

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

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

$$\textcircled{4} \frac{4}{7} \times \frac{3}{7} \div \frac{3}{5} = \frac{ \times }{ \times } = \boxed{}$$

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

$$\textcircled{6} \frac{3}{4} \div \frac{5}{7} \times \frac{3}{7} = \frac{ \times }{ \times } = \boxed{}$$

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

$$\textcircled{8} \frac{5}{6} \div \frac{1}{2} \div \frac{5}{8} = \frac{ \times }{ \times } = \boxed{}$$

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

$$\textcircled{10} \frac{7}{9} \div \frac{1}{6} \div \frac{1}{4} = \frac{ \times }{ \times } = \boxed{}$$

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■ 次の計算をしましょう。

$$\textcircled{1} \frac{5}{8} \div \frac{1}{7} \times \frac{6}{7} = \frac{5 \times 7 \times 6}{8 \times 1 \times 7} = \frac{15}{4}$$

$$\textcircled{2} \frac{1}{2} \times \frac{1}{3} \div \frac{2}{5} = \frac{1 \times 1 \times 5}{2 \times 3 \times 2} = \frac{5}{12}$$

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

$$\textcircled{4} \frac{4}{7} \times \frac{3}{7} \div \frac{3}{5} = \frac{4 \times 3 \times 5}{7 \times 7 \times 3} = \frac{20}{49}$$

$$\textcircled{5} \frac{6}{7} \div \frac{5}{6} \div \frac{1}{5} = \frac{6 \times 6 \times 5}{7 \times 5 \times 1} = \frac{36}{7}$$

$$\textcircled{6} \frac{3}{4} \div \frac{5}{7} \times \frac{3}{7} = \frac{3 \times 7 \times 3}{4 \times 5 \times 7} = \frac{9}{20}$$

$$\textcircled{7} \frac{3}{8} \times \frac{3}{8} \div \frac{7}{9} = \frac{3 \times 3 \times 9}{8 \times 8 \times 7} = \frac{81}{448}$$

$$\textcircled{8} \frac{5}{6} \div \frac{1}{2} \div \frac{5}{8} = \frac{5 \times 2 \times 8}{6 \times 1 \times 5} = \frac{8}{3}$$

$$\textcircled{9} \frac{5}{7} \div \frac{2}{5} \times \frac{5}{7} = \frac{5 \times 5 \times 5}{7 \times 2 \times 7} = \frac{125}{98}$$

$$\textcircled{10} \frac{7}{9} \div \frac{1}{6} \div \frac{1}{4} = \frac{7 \times 6 \times 4}{9 \times 1 \times 1} = \frac{56}{3}$$