

分数のかけ算・わり算

年 組 名前

/10

■ 次の計算をしましょう。

$$\textcircled{1} \frac{1}{2} \div \frac{1}{6} \div \frac{4}{7} = \frac{1 \times 6 \times 7}{2 \times 1 \times 4} = \square$$

$$\textcircled{2} \frac{3}{8} \div \frac{3}{7} \times \frac{3}{5} = \frac{\times \times}{\times \times} = \square$$

$$\textcircled{3} \frac{1}{4} \times \frac{4}{5} \div \frac{8}{9} = \frac{\times \times}{\times \times} = \square$$

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

$$\textcircled{5} \frac{1}{8} \times \frac{1}{9} \div \frac{1}{2} = \frac{\times \times}{\times \times} = \square$$

$$\textcircled{6} \frac{3}{4} \div \frac{1}{4} \div \frac{5}{8} = \frac{\times \times}{\times \times} = \square$$

$$\textcircled{7} \frac{2}{9} \times \frac{8}{9} \div \frac{1}{6} = \frac{\times \times}{\times \times} = \square$$

$$\textcircled{8} \frac{4}{7} \div \frac{1}{7} \div \frac{3}{8} = \frac{\times \times}{\times \times} = \square$$

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

$$\textcircled{10} \frac{3}{5} \div \frac{4}{7} \times \frac{4}{9} = \frac{\times \times}{\times \times} = \square$$

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■ 次の計算をしましょう。

$$\textcircled{1} \frac{1}{2} \div \frac{1}{6} \div \frac{4}{7} = \frac{1 \times 6 \times 7}{2 \times 1 \times 4} = \frac{21}{4}$$

$$\textcircled{2} \frac{3}{8} \div \frac{3}{7} \times \frac{3}{5} = \frac{3 \times 7 \times 3}{8 \times 3 \times 5} = \frac{21}{40}$$

$$\textcircled{3} \frac{1}{4} \times \frac{4}{5} \div \frac{8}{9} = \frac{1 \times 4 \times 9}{4 \times 5 \times 8} = \frac{9}{40}$$

$$\textcircled{4} \frac{6}{7} \div \frac{7}{9} \times \frac{2}{5} = \frac{6 \times 9 \times 2}{7 \times 7 \times 5} = \frac{108}{245}$$

$$\textcircled{5} \frac{1}{8} \times \frac{1}{9} \div \frac{1}{2} = \frac{1 \times 1 \times 2}{8 \times 9 \times 1} = \frac{1}{36}$$

$$\textcircled{6} \frac{3}{4} \div \frac{1}{4} \div \frac{5}{8} = \frac{3 \times 4 \times 8}{4 \times 1 \times 5} = \frac{24}{5}$$

$$\textcircled{7} \frac{2}{9} \times \frac{8}{9} \div \frac{1}{6} = \frac{2 \times 8 \times 6}{9 \times 9 \times 1} = \frac{32}{27}$$

$$\textcircled{8} \frac{4}{7} \div \frac{1}{7} \div \frac{3}{8} = \frac{4 \times 7 \times 8}{7 \times 1 \times 3} = \frac{32}{3}$$

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

$$\textcircled{10} \frac{3}{5} \div \frac{4}{7} \times \frac{4}{9} = \frac{3 \times 7 \times 4}{5 \times 4 \times 9} = \frac{7}{15}$$