

分数のかけ算・わり算

年 組 名前

/10

■ 次の計算をしましょう。

$$\textcircled{1} \frac{1}{7} \times \frac{5}{9} \div \frac{3}{7} = \frac{1 \times 5 \times 7}{7 \times 9 \times 3} = \square$$

$$\textcircled{2} \frac{6}{7} \div \frac{5}{8} \times \frac{5}{6} = \frac{\times \times}{\times \times} = \square$$

$$\textcircled{3} \frac{1}{5} \div \frac{4}{5} \div \frac{2}{7} = \frac{\times \times}{\times \times} = \square$$

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

$$\textcircled{5} \frac{4}{5} \div \frac{1}{7} \div \frac{1}{4} = \frac{\times \times}{\times \times} = \square$$

$$\textcircled{6} \frac{3}{4} \times \frac{8}{9} \div \frac{1}{3} = \frac{\times \times}{\times \times} = \square$$

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

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

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

$$\textcircled{10} \frac{2}{5} \div \frac{7}{8} \times \frac{1}{6} = \frac{\times \times}{\times \times} = \square$$

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■ 次の計算をしましょう。

$$\textcircled{1} \frac{1}{7} \times \frac{5}{9} \div \frac{3}{7} = \frac{1 \times 5 \times 7}{7 \times 9 \times 3} = \frac{5}{27}$$

$$\textcircled{2} \frac{6}{7} \div \frac{5}{8} \times \frac{5}{6} = \frac{6 \times 8 \times 5}{7 \times 5 \times 6} = \frac{8}{7}$$

$$\textcircled{3} \frac{1}{5} \div \frac{4}{5} \div \frac{2}{7} = \frac{1 \times 5 \times 7}{5 \times 4 \times 2} = \frac{7}{8}$$

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

$$\textcircled{5} \frac{4}{5} \div \frac{1}{7} \div \frac{1}{4} = \frac{4 \times 7 \times 4}{5 \times 1 \times 1} = \frac{112}{5}$$

$$\textcircled{6} \frac{3}{4} \times \frac{8}{9} \div \frac{1}{3} = \frac{3 \times 8 \times 3}{4 \times 9 \times 1} = 2$$

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

$$\textcircled{8} \frac{7}{8} \div \frac{2}{7} \div \frac{6}{7} = \frac{7 \times 7 \times 7}{8 \times 2 \times 6} = \frac{343}{96}$$

$$\textcircled{9} \frac{8}{9} \div \frac{7}{9} \times \frac{1}{9} = \frac{8 \times 9 \times 1}{9 \times 7 \times 9} = \frac{8}{63}$$

$$\textcircled{10} \frac{2}{5} \div \frac{7}{8} \times \frac{1}{6} = \frac{2 \times 8 \times 1}{5 \times 7 \times 6} = \frac{8}{105}$$