

(分数)÷(分数)のわり算
約分なし

◆ わり算をしましょう。

$$\begin{aligned} \textcircled{1} \quad \frac{2}{7} \div \frac{1}{3} &= \frac{2}{7} \times \frac{3}{1} \\ &= \frac{2 \times 3}{7 \times 1} = \frac{6}{7} \end{aligned}$$

$$\begin{aligned} \textcircled{2} \quad \frac{3}{8} \div \frac{2}{5} &= \frac{3}{8} \times \frac{5}{2} \\ &= \frac{3 \times 5}{8 \times 2} = \frac{15}{16} \end{aligned}$$

$$\begin{aligned} \textcircled{3} \quad \frac{1}{6} \div \frac{4}{5} &= \frac{1}{6} \times \frac{5}{4} \\ &= \frac{1 \times 5}{6 \times 4} = \frac{5}{24} \end{aligned}$$

$$\begin{aligned} \textcircled{4} \quad \frac{4}{9} \div \frac{3}{2} &= \frac{4}{9} \times \frac{2}{3} \\ &= \frac{4 \times 2}{9 \times 3} = \frac{8}{27} \end{aligned}$$

$$\begin{aligned} \textcircled{5} \quad \frac{1}{4} \div \frac{8}{9} &= \frac{1}{4} \times \frac{9}{8} \\ &= \frac{1 \times 9}{4 \times 8} = \frac{9}{32} \end{aligned}$$

$$\begin{aligned} \textcircled{6} \quad \frac{6}{5} \div \frac{1}{3} &= \frac{6}{5} \times \frac{3}{1} \\ &= \frac{6 \times 3}{5 \times 1} = \frac{18}{5} \left(3 \frac{3}{5} \right) \end{aligned}$$

$$\begin{aligned} \textcircled{7} \quad \frac{5}{9} \div \frac{1}{4} &= \frac{5}{9} \times \frac{4}{1} \\ &= \frac{5 \times 4}{9 \times 1} = \frac{20}{9} \left(2 \frac{2}{9} \right) \end{aligned}$$

$$\begin{aligned} \textcircled{8} \quad \frac{3}{5} \div \frac{2}{9} &= \frac{3}{5} \times \frac{9}{2} \\ &= \frac{3 \times 9}{5 \times 2} = \frac{27}{10} \left(2 \frac{7}{10} \right) \end{aligned}$$

$$\begin{aligned} \textcircled{9} \quad \frac{5}{7} \div \frac{3}{8} &= \frac{5}{7} \times \frac{8}{3} \\ &= \frac{5 \times 8}{7 \times 3} = \frac{40}{21} \left(1 \frac{19}{21} \right) \end{aligned}$$

$$\begin{aligned} \textcircled{10} \quad \frac{5}{4} \div \frac{7}{9} &= \frac{5}{4} \times \frac{9}{7} \\ &= \frac{5 \times 9}{4 \times 7} = \frac{45}{28} \left(1 \frac{17}{28} \right) \end{aligned}$$