

分数×分数の計算

分母×分母，分子×分子で計算！

$$\begin{aligned} \text{① } \frac{3}{4} \times \frac{3}{7} &= \frac{3 \times 3}{4 \times 7} \\ &= \frac{9}{28} \end{aligned}$$

$$\begin{aligned} \text{② } \frac{4}{3} \times \frac{8}{5} &= \frac{4 \times 8}{3 \times 5} \\ &= \frac{32}{15} \end{aligned}$$

約分は計算の途中で必ずすること！

$$\begin{aligned} \text{① } \frac{5}{12} \times \frac{4}{3} &= \frac{5 \times \cancel{4}^1}{\cancel{12}_3 \times 3} \\ &= \frac{5}{9} \end{aligned}$$

$$\begin{aligned} \text{② } \frac{4}{3} \times \frac{9}{10} &= \frac{\cancel{4}^2 \times \cancel{9}^3}{\cancel{3}_1 \times \cancel{10}_5} \\ &= \frac{6}{5} \end{aligned}$$

整数は分母を1にして計算する！

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

$$\begin{aligned} \text{② } \frac{5}{8} \times 6 &= \frac{5}{8} \times \frac{6}{1} \\ &= \frac{5 \times \cancel{6}^3}{\cancel{8}_4 \times 1} \\ &= \frac{15}{4} \end{aligned}$$

$$\begin{aligned} \text{③ } 6 \times \frac{2}{7} &= \frac{6}{1} \times \frac{2}{7} \\ &= \frac{6 \times 2}{1 \times 7} \\ &= \frac{12}{7} \end{aligned}$$

$$\begin{aligned} \text{④ } 3 \times \frac{4}{9} &= \frac{3}{1} \times \frac{4}{9} \\ &= \frac{\cancel{3}^1 \times 4}{1 \times \cancel{9}^3} \\ &= \frac{4}{3} \end{aligned}$$