

# 分数のかけ算 (2)

名前 \_\_\_\_\_

「分数 × 分数」の計算

【1】 次の計算をなさい。

$$(1) \frac{5}{8} \times \frac{1}{3} = \frac{5 \times 1}{8 \times 3} = \frac{5}{24}$$

$$(2) \frac{3}{11} \times \frac{3}{4} = \frac{3 \times 3}{11 \times 4} = \frac{9}{44}$$

$$(3) \frac{7}{3} \times \frac{7}{6} = \frac{7 \times 7}{3 \times 6} = \frac{49}{18} \left(2 \frac{13}{18}\right)$$

$$(4) \frac{7}{4} \times \frac{8}{5} = \frac{7 \times \cancel{8}^2}{\cancel{4}_1 \times 5} = \frac{14}{5} \left(2 \frac{4}{5}\right)$$

$$(5) \frac{4}{15} \times \frac{5}{2} = \frac{\cancel{4}^2 \times \cancel{5}^1}{\cancel{15}_3 \times \cancel{2}_1} = \frac{2}{3}$$

$$(6) \frac{3}{8} \times \frac{22}{21} = \frac{\cancel{3}^1 \times \cancel{22}^{11}}{\cancel{8}_4 \times \cancel{21}_7} = \frac{11}{28}$$

$$(7) \frac{11}{14} \times \frac{4}{7} = \frac{11 \times \cancel{4}^2}{\cancel{14}_7 \times 7} = \frac{22}{49}$$

$$(8) \frac{8}{9} \times \frac{63}{16} = \frac{\cancel{8}^1 \times \cancel{63}^7}{\cancel{9}_1 \times \cancel{16}_2} = \frac{7}{2} \left(3 \frac{1}{2}\right)$$

【2】 次の計算をなさい。

$$(1) \frac{3}{8} \times 7 \frac{1}{2} = \frac{3 \times 15}{8 \times 2} = \frac{45}{16} \left(2 \frac{13}{16}\right)$$

$$(2) \frac{6}{17} \times 4 \frac{2}{3} = \frac{\cancel{6}^2 \times 14}{17 \times \cancel{3}_1} = \frac{28}{17} \left(1 \frac{11}{17}\right)$$

$$(3) \frac{13}{3} \times 1 \frac{2}{13} = \frac{\cancel{13}^1 \times \cancel{15}^5}{\cancel{3}_1 \times \cancel{13}_1} = 5$$

$$(4) 4 \frac{1}{6} \times \frac{11}{5} = \frac{25^5 \times 11}{6 \times \cancel{5}_1} = \frac{55}{6} \left(9 \frac{1}{6}\right)$$

$$(5) \frac{28}{13} \times 11 \frac{1}{7} = \frac{\cancel{28}^4 \times \cancel{78}^6}{\cancel{13}_1 \times \cancel{7}_1} = 24$$

$$(6) 1 \frac{5}{19} \times \frac{95}{96} = \frac{\cancel{24}^1 \times \cancel{95}^5}{\cancel{19}_1 \times \cancel{96}_4} = \frac{5}{4} \left(1 \frac{1}{4}\right)$$

$$(7) \frac{18}{29} \times 4 \frac{5}{6} = \frac{\cancel{18}^3 \times \cancel{29}^1}{\cancel{29}_1 \times \cancel{6}_1} = 3$$

$$(8) \frac{25}{48} \times 2 \frac{2}{5} = \frac{\cancel{25}^5 \times \cancel{12}^1}{\cancel{48}_4 \times \cancel{5}_1} = \frac{5}{4} \left(1 \frac{1}{4}\right)$$