

# 分数×分数 ③

次の計算をしましょう。答えは約分しましょう。

$$(1) \frac{1}{4} \times \frac{2}{3} = \frac{\overset{1}{\cancel{4}} \times \overset{2}{\cancel{2}}}{\cancel{4} \times 3} = \frac{1}{6}$$

$$(11) \frac{4}{9} \times \frac{6}{5} = \frac{4 \times \overset{2}{\cancel{6}}}{\overset{3}{\cancel{9}} \times 5} = \frac{8}{15}$$

$$(2) \frac{1}{2} \times \frac{4}{3} = \frac{\overset{2}{\cancel{4}} \times 1}{\cancel{2} \times 3} = \frac{2}{3}$$

$$(12) \frac{3}{8} \times \frac{4}{5} = \frac{\overset{4}{\cancel{8}} \times 3}{\cancel{4} \times 5} = \frac{3}{10}$$

$$(3) \frac{1}{5} \times \frac{5}{9} = \frac{\overset{1}{\cancel{5}} \times 1}{\cancel{5} \times 9} = \frac{1}{9}$$

$$(13) \frac{3}{7} \times \frac{1}{6} = \frac{\overset{3}{\cancel{7}} \times 1}{7 \times \overset{2}{\cancel{6}}} = \frac{1}{14}$$

$$(4) \frac{3}{4} \times \frac{2}{5} = \frac{\overset{2}{\cancel{4}} \times 3}{\cancel{2} \times 5} = \frac{3}{10}$$

$$(14) \frac{7}{6} \times \frac{2}{3} = \frac{7 \times \overset{2}{\cancel{2}}}{\overset{3}{\cancel{6}} \times 3} = \frac{7}{9}$$

$$(5) \frac{1}{3} \times \frac{6}{7} = \frac{\overset{2}{\cancel{6}} \times 1}{\cancel{3} \times 7} = \frac{2}{7}$$

$$(15) \frac{1}{4} \times \frac{8}{9} = \frac{1 \times \overset{2}{\cancel{8}}}{\overset{4}{\cancel{4}} \times 9} = \frac{2}{9}$$

$$(6) \frac{5}{4} \times \frac{3}{10} = \frac{\overset{3}{\cancel{6}} \times 5}{4 \times \overset{2}{\cancel{10}}} = \frac{3}{8}$$

$$(16) \frac{8}{5} \times \frac{1}{6} = \frac{\overset{4}{\cancel{8}} \times 1}{5 \times \overset{3}{\cancel{6}}} = \frac{4}{15}$$

$$(7) \frac{4}{9} \times \frac{1}{2} = \frac{\overset{2}{\cancel{4}} \times 1}{9 \times \overset{1}{\cancel{2}}} = \frac{2}{9}$$

$$(17) \frac{3}{4} \times \frac{1}{9} = \frac{\overset{3}{\cancel{4}} \times 1}{4 \times \overset{3}{\cancel{9}}} = \frac{1}{12}$$

$$(8) \frac{2}{3} \times \frac{1}{6} = \frac{\overset{2}{\cancel{2}} \times 1}{\cancel{3} \times \overset{3}{\cancel{6}}} = \frac{1}{9}$$

$$(18) \frac{6}{7} \times \frac{8}{9} = \frac{\overset{2}{\cancel{6}} \times \overset{8}{\cancel{8}}}{7 \times \overset{3}{\cancel{9}}} = \frac{16}{21}$$

$$(9) \frac{5}{6} \times \frac{1}{5} = \frac{\overset{1}{\cancel{5}} \times 1}{\cancel{6} \times \overset{1}{\cancel{5}}} = \frac{1}{6}$$

$$(19) \frac{5}{6} \times \frac{3}{8} = \frac{5 \times \overset{3}{\cancel{6}}}{\overset{2}{\cancel{6}} \times 8} = \frac{5}{16}$$

$$(10) \frac{1}{2} \times \frac{4}{5} = \frac{\overset{2}{\cancel{4}} \times 1}{\cancel{2} \times 5} = \frac{2}{5}$$

$$(20) \frac{2}{9} \times \frac{5}{8} = \frac{\overset{2}{\cancel{2}} \times 5}{\overset{4}{\cancel{9}} \times \overset{2}{\cancel{8}}} = \frac{5}{18}$$