

(分数)×(分数)のかけ算

◆ かけ算をしましょう。

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

$$= \frac{1 \times 3}{8 \times 4} = \frac{3}{32}$$

$$\textcircled{2} \frac{9}{7} \times \frac{5}{2}$$

$$= \frac{9 \times 5}{7 \times 2} = \frac{45}{14} \left(3 \frac{3}{14} \right)$$

$$\textcircled{3} \frac{7}{8} \times \frac{4}{5}$$

$$= \frac{7 \times \overset{1}{\cancel{4}}}{\underset{2}{\cancel{8}} \times 5} = \frac{7}{10}$$

$$\textcircled{4} \frac{15}{16} \times \frac{12}{25}$$

$$= \frac{\overset{3}{\cancel{15}} \times \overset{3}{\cancel{12}}}{\underset{4}{\cancel{16}} \times \underset{5}{\cancel{25}}} = \frac{9}{20}$$

$$\textcircled{5} \frac{5}{6} \times 1 \frac{2}{7} = \frac{5}{6} \times \frac{9}{7}$$

$$= \frac{5 \times \overset{3}{\cancel{9}}}{\underset{2}{\cancel{6}} \times 7} = \frac{15}{14} \left(1 \frac{1}{14} \right)$$

$$\textcircled{6} 4 \frac{1}{5} \times 1 \frac{1}{9} = \frac{21}{5} \times \frac{10}{9}$$

$$= \frac{\overset{7}{\cancel{21}} \times \overset{2}{\cancel{10}}}{\underset{1}{\cancel{5}} \times \underset{3}{\cancel{9}}} = \frac{14}{3} \left(4 \frac{2}{3} \right)$$

$$\textcircled{7} 4 \times \frac{2}{9} = \frac{4}{1} \times \frac{2}{9}$$

$$= \frac{4 \times 2}{1 \times 9} = \frac{8}{9}$$

$$\textcircled{8} \frac{5}{18} \times 6 = \frac{5}{18} \times \frac{6}{1}$$

$$= \frac{5 \times \overset{1}{\cancel{6}}}{\underset{3}{\cancel{18}} \times 1} = \frac{5}{3} \left(1 \frac{2}{3} \right)$$

$$\textcircled{9} \frac{1}{4} \times \frac{3}{5} \times \frac{4}{9}$$

$$= \frac{\underset{1}{\cancel{1}} \times \overset{1}{\cancel{3}} \times \overset{1}{\cancel{4}}}{\underset{1}{\cancel{4}} \times 5 \times \underset{3}{\cancel{9}}} = \frac{1}{15}$$

$$\textcircled{10} 1 \frac{1}{5} \times 5 \times \frac{7}{9} = \frac{6}{5} \times \frac{5}{1} \times \frac{7}{9}$$

$$= \frac{\overset{2}{\cancel{6}} \times \overset{1}{\cancel{5}} \times 7}{\underset{1}{\cancel{5}} \times 1 \times \underset{3}{\cancel{9}}} = \frac{14}{3} \left(4 \frac{2}{3} \right)$$