

(分数)×(分数)のかけ算  
約分あり

◆ かけ算をしましょう。

$$\textcircled{1} \frac{2}{3} \times \frac{1}{4}$$

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

$$\textcircled{2} \frac{3}{4} \times \frac{7}{9}$$

$$= \frac{\overset{1}{\cancel{3}} \times \overset{1}{\cancel{7}}}{\underset{3}{4} \times \underset{3}{\cancel{9}}} = \frac{7}{12}$$

$$\textcircled{3} \frac{8}{9} \times \frac{5}{6}$$

$$= \frac{\overset{4}{\cancel{8}} \times \overset{1}{\cancel{5}}}{\underset{3}{9} \times \underset{2}{\cancel{6}}} = \frac{20}{27}$$

$$\textcircled{4} \frac{1}{2} \times \frac{2}{5}$$

$$= \frac{\overset{1}{\cancel{1}} \times \overset{1}{\cancel{2}}}{\underset{1}{2} \times \underset{1}{5}} = \frac{1}{5}$$

$$\textcircled{5} \frac{7}{4} \times \frac{16}{11}$$

$$= \frac{\overset{4}{\cancel{7}} \times \overset{4}{\cancel{16}}}{\underset{1}{4} \times \underset{1}{11}} = \frac{28}{11} \left( 2 \frac{6}{11} \right)$$

$$\textcircled{6} \frac{5}{6} \times \frac{9}{10}$$

$$= \frac{\overset{1}{\cancel{5}} \times \overset{3}{\cancel{9}}}{\underset{2}{6} \times \underset{2}{\cancel{10}}} = \frac{3}{4}$$

$$\textcircled{7} \frac{5}{12} \times \frac{8}{15}$$

$$= \frac{\overset{1}{\cancel{5}} \times \overset{2}{\cancel{8}}}{\underset{3}{\cancel{12}} \times \underset{3}{\cancel{15}}} = \frac{2}{9}$$

$$\textcircled{8} \frac{10}{21} \times \frac{14}{15}$$

$$= \frac{\overset{2}{\cancel{10}} \times \overset{2}{\cancel{14}}}{\underset{3}{\cancel{21}} \times \underset{3}{\cancel{15}}} = \frac{4}{9}$$

$$\textcircled{9} \frac{8}{3} \times \frac{9}{2}$$

$$= \frac{\overset{4}{\cancel{8}} \times \overset{3}{\cancel{9}}}{\underset{1}{3} \times \underset{1}{2}} = 12$$

$$\textcircled{10} \frac{5}{6} \times \frac{6}{5}$$

$$= \frac{\overset{1}{\cancel{5}} \times \overset{1}{\cancel{6}}}{\underset{1}{6} \times \underset{1}{5}} = 1$$