

6年  
1  
(4)

分数のかけ算

\_\_\_年 \_\_\_組  
名前

途中で約分ができる場合は、約分をして計算しましょう。

$$\begin{aligned} \textcircled{1} \quad 1\frac{1}{3} \times \frac{7}{9} &= \frac{4 \times 7}{3 \times 9} \\ &= \frac{28}{27} \left(1\frac{1}{27}\right) \end{aligned}$$

$$\begin{aligned} \textcircled{2} \quad 3\frac{5}{6} \times \frac{1}{4} &= \frac{23 \times 1}{6 \times 4} \\ &= \frac{23}{24} \end{aligned}$$

$$\begin{aligned} \textcircled{3} \quad 2\frac{4}{7} \times \frac{5}{6} &= \frac{18 \times 5}{7 \times 6} \\ &= \frac{3 \times 5}{7 \times 1} \\ &= \frac{15}{7} \left(2\frac{1}{7}\right) \end{aligned}$$

$$\begin{aligned} \textcircled{4} \quad 4\frac{3}{8} \times \frac{3}{7} &= \frac{35 \times 3}{8 \times 7} \\ &= \frac{5 \times 3}{8 \times 1} \\ &= \frac{15}{8} \left(1\frac{7}{8}\right) \end{aligned}$$

$$\begin{aligned} \textcircled{5} \quad 3\frac{3}{4} \times \frac{3}{5} &= \frac{15 \times 3}{4 \times 5} \\ &= \frac{3 \times 3}{4 \times 1} \\ &= \frac{9}{4} \left(2\frac{1}{4}\right) \end{aligned}$$

$$\begin{aligned} \textcircled{6} \quad \frac{8}{15} \times 1\frac{1}{4} &= \frac{8 \times 5}{15 \times 4} \\ &= \frac{2 \times 1}{3 \times 1} \\ &= \frac{2}{3} \end{aligned}$$

$$\begin{aligned} \textcircled{7} \quad \frac{5}{9} \times 3\frac{3}{5} &= \frac{5 \times 18}{9 \times 5} \\ &= \frac{1 \times 2}{1 \times 1} \\ &= 2 \end{aligned}$$

$$\begin{aligned} \textcircled{8} \quad 1\frac{1}{4} \times 1\frac{2}{3} &= \frac{5 \times 5}{4 \times 3} \\ &= \frac{25}{12} \left(2\frac{1}{12}\right) \end{aligned}$$

$$\begin{aligned} \textcircled{9} \quad 2\frac{7}{10} \times 1\frac{1}{3} &= \frac{27 \times 4}{10 \times 3} \\ &= \frac{9 \times 2}{5 \times 1} \\ &= \frac{18}{5} \left(3\frac{3}{5}\right) \end{aligned}$$

$$\begin{aligned} \textcircled{10} \quad 4\frac{1}{2} \times 3\frac{1}{3} &= \frac{9 \times 10}{2 \times 3} \\ &= \frac{3 \times 5}{1 \times 1} \\ &= 15 \end{aligned}$$