

6年
2
(3)

分数のわり算

___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。

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

$$\begin{aligned} \textcircled{2} \quad 7 \div 2\frac{2}{3} &= \frac{7 \times 3}{1 \times 8} \\ &= \frac{2 \ 1}{8} \left(2\frac{5}{8}\right) \end{aligned}$$

$$\begin{aligned} \textcircled{3} \quad \frac{7}{1 \ 0} \div 1\frac{4}{5} &= \frac{7 \times \boxed{5}}{\boxed{1 \ 0} \times 9} \\ &= \frac{7 \times 1}{2 \times 9} \\ &= \frac{7}{1 \ 8} \end{aligned}$$

$$\begin{aligned} \textcircled{4} \quad \frac{5}{1 \ 2} \div 1\frac{5}{6} &= \frac{5 \times \boxed{6}}{\boxed{1 \ 2} \times 1 \ 1} \\ &= \frac{5 \times 1}{2 \times 1 \ 1} \\ &= \frac{5}{2 \ 2} \end{aligned}$$

$$\begin{aligned} \textcircled{5} \quad \frac{9}{1 \ 0} \div 4\frac{1}{5} &= \frac{\boxed{9} \times \boxed{5}}{\boxed{1 \ 0} \times \boxed{2 \ 1}} \\ &= \frac{3 \times 1}{2 \times 7} \\ &= \frac{3}{1 \ 4} \end{aligned}$$

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

$$\begin{aligned} \textcircled{7} \quad 2\frac{1}{6} \div \frac{4}{9} &= \frac{1 \ 3 \times \boxed{9}}{\boxed{6} \times 4} \\ &= \frac{1 \ 3 \times 3}{2 \times 4} \\ &= \frac{3 \ 9}{8} \left(4\frac{7}{8}\right) \end{aligned}$$

$$\begin{aligned} \textcircled{8} \quad 4\frac{2}{3} \div \frac{7}{1 \ 0} &= \frac{\boxed{1 \ 4} \times 1 \ 0}{3 \times \boxed{7}} \\ &= \frac{2 \times 1 \ 0}{3 \times 1} \\ &= \frac{2 \ 0}{3} \left(6\frac{2}{3}\right) \end{aligned}$$

$$\begin{aligned} \textcircled{9} \quad 3\frac{3}{7} \div \frac{4}{5} &= \frac{\boxed{2 \ 4} \times 5}{7 \times \boxed{4}} \\ &= \frac{6 \times 5}{7 \times 1} \\ &= \frac{3 \ 0}{7} \left(4\frac{2}{7}\right) \end{aligned}$$

$$\begin{aligned} \textcircled{10} \quad 2\frac{7}{9} \div \frac{5}{6} &= \frac{\boxed{2 \ 5} \times \boxed{6}}{\boxed{9} \times \boxed{5}} \\ &= \frac{5 \times 2}{3 \times 1} \\ &= \frac{1 \ 0}{3} \left(3\frac{1}{3}\right) \end{aligned}$$