

6年
2
(4)

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。

$$\begin{aligned} \textcircled{1} \quad 1\frac{1}{2} \div 1\frac{2}{5} &= \frac{3 \times 5}{2 \times 7} \\ &= \frac{15}{14} \left(1\frac{1}{14}\right) \end{aligned}$$

$$\begin{aligned} \textcircled{2} \quad 2\frac{2}{3} \div 1\frac{4}{7} &= \frac{8 \times 7}{3 \times 11} \\ &= \frac{56}{33} \left(1\frac{23}{33}\right) \end{aligned}$$

$$\begin{aligned} \textcircled{3} \quad 1\frac{4}{5} \div 2\frac{1}{2} &= \frac{9 \times 2}{5 \times 5} \\ &= \frac{18}{25} \end{aligned}$$

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

$$\begin{aligned} \textcircled{5} \quad 3\frac{2}{3} \div 2\frac{3}{4} &= \frac{\boxed{11} \times 4}{3 \times \boxed{11}} \\ &= \frac{1 \times 4}{3 \times 1} \\ &= \frac{4}{3} \left(1\frac{1}{3}\right) \end{aligned}$$

$$\begin{aligned} \textcircled{6} \quad 3\frac{3}{8} \div 1\frac{2}{7} &= \frac{\boxed{27} \times 7}{8 \times \boxed{9}} \\ &= \frac{3 \times 7}{8 \times 1} \\ &= \frac{21}{8} \left(2\frac{5}{8}\right) \end{aligned}$$

$$\begin{aligned} \textcircled{7} \quad 2\frac{7}{10} \div 5\frac{2}{5} &= \frac{\boxed{27} \times \boxed{5}}{\boxed{10} \times \boxed{27}} \\ &= \frac{1 \times 1}{2 \times 1} \\ &= \frac{1}{2} \end{aligned}$$

$$\begin{aligned} \textcircled{8} \quad 3\frac{1}{6} \div 1\frac{1}{18} &= \frac{\boxed{19} \times \boxed{18}}{\boxed{6} \times \boxed{19}} \\ &= \frac{1 \times 3}{1 \times 1} \\ &= 3 \end{aligned}$$

$$\begin{aligned} \textcircled{9} \quad 1\frac{8}{15} \div 3\frac{5}{6} &= \frac{\boxed{23} \times \boxed{6}}{\boxed{15} \times \boxed{23}} \\ &= \frac{1 \times 2}{5 \times 1} \\ &= \frac{2}{5} \end{aligned}$$

$$\begin{aligned} \textcircled{10} \quad 2\frac{2}{25} \div 4\frac{4}{5} &= \frac{\boxed{52} \times \boxed{5}}{\boxed{25} \times \boxed{24}} \\ &= \frac{13 \times 1}{5 \times 6} \\ &= \frac{13}{30} \end{aligned}$$