



分数のわり算 9

● 帯分数と整数のわり算
(約分あり)

14

日にち： 月 日

名まえ _____

・ 次の計算をしましょう。

$$\textcircled{1} \quad 25 \div 3\frac{1}{3}$$

=

$$\textcircled{3} \quad \frac{8}{11} \div 6$$

=

$$\textcircled{5} \quad 24 \div 2\frac{4}{19}$$

=

$$\textcircled{2} \quad 15 \div 2\frac{6}{7}$$

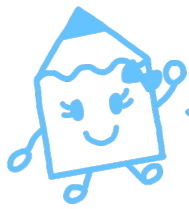
=

$$\textcircled{4} \quad \frac{12}{13} \div 16$$

=

$$\textcircled{6} \quad 11 \div 2\frac{1}{16}$$

=



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$$\begin{aligned} \textcircled{1} \quad & 25 \div 3\frac{1}{3} \\ &= 25 \div \frac{10}{3} \\ &= 25 \times \frac{3}{10} \\ &= \frac{\overset{5}{\cancel{25}} \times 3}{\underset{2}{\cancel{10}}} \\ &= \frac{15}{2} \left(7\frac{1}{2} \right) \end{aligned}$$

$$\begin{aligned} \textcircled{2} \quad & 15 \div 2\frac{6}{7} \\ &= 15 \div \frac{20}{7} \\ &= 15 \times \frac{7}{20} \\ &= \frac{\overset{3}{\cancel{15}} \times 7}{\underset{4}{\cancel{20}}} \\ &= \frac{21}{4} \left(5\frac{1}{4} \right) \end{aligned}$$

$$\begin{aligned} \textcircled{3} \quad & \frac{8}{11} \div 6 \\ &= \frac{\overset{4}{\cancel{8}}}{11 \times \underset{3}{\cancel{6}}} \\ &= \frac{4}{11 \times 3} \\ &= \frac{4}{33} \end{aligned}$$

$$\begin{aligned} \textcircled{4} \quad & \frac{12}{13} \div 16 \\ &= \frac{\overset{3}{\cancel{12}}}{13 \times \underset{4}{\cancel{16}}} \\ &= \frac{3}{13 \times 4} \\ &= \frac{3}{52} \end{aligned}$$

$$\begin{aligned} \textcircled{5} \quad & 24 \div 2\frac{4}{19} \\ &= 24 \div \frac{42}{19} \\ &= 24 \times \frac{19}{42} \\ &= \frac{\overset{4}{\cancel{24}} \times 19}{\underset{7}{\cancel{42}}} \\ &= \frac{76}{7} \left(10\frac{6}{7} \right) \end{aligned}$$

$$\begin{aligned} \textcircled{6} \quad & 11 \div 2\frac{1}{16} \\ &= 11 \div \frac{33}{16} \\ &= 11 \times \frac{16}{33} \\ &= \frac{\overset{1}{\cancel{11}} \times 16}{\underset{3}{\cancel{33}}} \\ &= \frac{16}{3} \left(5\frac{1}{3} \right) \end{aligned}$$