



分数のわり算 9

● 帯分数と整数のわり算
(約分あり)

13

日にち： 月 日

名まえ _____

・ 次の計算をしましょう。

$$\textcircled{1} \quad 24 \div 2\frac{1}{4}$$

=

$$\textcircled{3} \quad \frac{9}{10} \div 6$$

=

$$\textcircled{5} \quad 20 \div 2\frac{2}{13}$$

=

$$\textcircled{2} \quad \frac{12}{13} \div 8$$

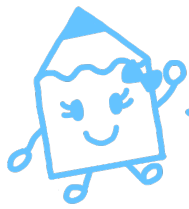
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$$\textcircled{4} \quad 14 \div 1\frac{3}{5}$$

=

$$\textcircled{6} \quad 27 \div 2\frac{4}{7}$$

=



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$$\begin{aligned} \textcircled{1} \quad & 24 \div 2\frac{1}{4} \\ &= 24 \div \frac{9}{4} \\ &= 24 \times \frac{4}{9} \\ &= \frac{\overset{8}{\cancel{24}} \times 4}{\cancel{9}_3} \\ &= \frac{32}{3} \left(10\frac{2}{3} \right) \end{aligned}$$

$$\begin{aligned} \textcircled{2} \quad & \frac{12}{13} \div 8 \\ &= \frac{\overset{3}{\cancel{12}}}{13 \times \cancel{8}_2} \\ &= \frac{3}{13 \times 2} \\ &= \frac{3}{26} \end{aligned}$$

$$\begin{aligned} \textcircled{3} \quad & \frac{9}{10} \div 6 \\ &= \frac{\overset{3}{\cancel{9}}}{10 \times \cancel{6}_2} \\ &= \frac{3}{10 \times 2} \\ &= \frac{3}{20} \end{aligned}$$

$$\begin{aligned} \textcircled{4} \quad & 14 \div 1\frac{3}{5} \\ &= 14 \div \frac{8}{5} \\ &= 14 \times \frac{5}{8} \\ &= \frac{\overset{7}{\cancel{14}} \times 5}{\cancel{8}_4} \\ &= \frac{35}{4} \left(8\frac{3}{4} \right) \end{aligned}$$

$$\begin{aligned} \textcircled{5} \quad & 20 \div 2\frac{2}{13} \\ &= 20 \div \frac{28}{13} \\ &= 20 \times \frac{13}{28} \\ &= \frac{\overset{5}{\cancel{20}} \times 13}{\cancel{28}_7} \\ &= \frac{65}{7} \left(9\frac{2}{7} \right) \end{aligned}$$

$$\begin{aligned} \textcircled{6} \quad & 27 \div 2\frac{4}{7} \\ &= 27 \div \frac{18}{7} \\ &= 27 \times \frac{7}{18} \\ &= \frac{\overset{3}{\cancel{27}} \times 7}{\cancel{18}_2} \\ &= \frac{21}{2} \left(10\frac{1}{2} \right) \end{aligned}$$