

分数のわり算 9

● 帯分数と整数のわり算
(約分あり)



日にち： 月 日

名まえ _____

・ 次の計算をしましょう。

① $24 \div 2\frac{1}{4}$

=

③ $\frac{9}{10} \div 6$

=

⑤ $20 \div 2\frac{2}{13}$

=

② $\frac{12}{13} \div 8$

=

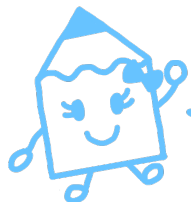
④ $14 \div 1\frac{3}{5}$

=

⑥ $27 \div 2\frac{4}{7}$

=





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13

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

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

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

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

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

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

