



分数のわり算 6

◎ 帯分数と分数のわり算
(約分なし)

14

日にち： 月 日

名まえ _____

・ 次の計算をしましょう。

① $1\frac{1}{8} \div \frac{2}{5}$

=

② $\frac{1}{6} \div 8$

=

③ $\frac{3}{5} \div 1\frac{1}{4}$

=

④ $4\frac{1}{2} \div \frac{4}{5}$

=

⑤ $1\frac{1}{4} \div \frac{7}{9}$

=

⑥ $\frac{8}{15} \div 3$

=



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$$\begin{aligned} \textcircled{1} \quad & 1\frac{1}{8} \div \frac{2}{5} \\ &= \frac{9}{8} \div \frac{2}{5} \\ &= \frac{9}{8} \times \frac{5}{2} \\ &= \frac{9 \times 5}{8 \times 2} \\ &= \frac{45}{16} \left(2\frac{13}{16} \right) \end{aligned}$$

$$\begin{aligned} \textcircled{2} \quad & \frac{1}{6} \div 8 \\ &= \frac{1}{6 \times 8} \\ &= \frac{1}{48} \end{aligned}$$

$$\begin{aligned} \textcircled{3} \quad & \frac{3}{5} \div 1\frac{1}{4} \\ &= \frac{3}{5} \div \frac{5}{4} \\ &= \frac{3}{5} \times \frac{4}{5} \\ &= \frac{3 \times 4}{5 \times 5} \\ &= \frac{12}{25} \end{aligned}$$

$$\begin{aligned} \textcircled{4} \quad & 4\frac{1}{2} \div \frac{4}{5} \\ &= \frac{9}{2} \div \frac{4}{5} \\ &= \frac{9}{2} \times \frac{5}{4} \\ &= \frac{9 \times 5}{2 \times 4} \\ &= \frac{45}{8} \left(5\frac{5}{8} \right) \end{aligned}$$

$$\begin{aligned} \textcircled{5} \quad & 1\frac{1}{4} \div \frac{7}{9} \\ &= \frac{5}{4} \div \frac{7}{9} \\ &= \frac{5}{4} \times \frac{9}{7} \\ &= \frac{5 \times 9}{4 \times 7} \\ &= \frac{45}{28} \left(1\frac{17}{28} \right) \end{aligned}$$

$$\begin{aligned} \textcircled{6} \quad & \frac{8}{15} \div 3 \\ &= \frac{8}{15 \times 3} \\ &= \frac{8}{45} \end{aligned}$$