



分数のわり算 7

◎ 帯分数と分数のわり算
(約分あり)



日にち： 月 日

名まえ _____

・ 次の計算をしましょう。(うすい字はしっかりなぞりましょう。)

① $2\frac{2}{9} \div \frac{5}{6}$

= $\frac{20}{9} \div \frac{5}{6}$

= $\frac{20}{9} \times \frac{6}{5}$

= $\frac{\overset{4}{\cancel{20}} \times \overset{2}{\cancel{6}}}{\underset{3}{\cancel{9}} \times \underset{1}{\cancel{5}}}$

= $\frac{8}{3} \left(2\frac{2}{3}\right)$

③ $\frac{5}{9} \div 1\frac{1}{14}$

=

⑤ $\frac{2}{5} \div 2\frac{2}{7}$

=

② $\frac{3}{10} \div 1\frac{2}{5}$

=

④ $1\frac{4}{5} \div \frac{4}{15}$

=

⑥ $3\frac{3}{5} \div \frac{8}{15}$

=



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$$\begin{aligned} \textcircled{1} \quad & 2\frac{2}{9} \div \frac{5}{6} \\ &= \frac{20}{9} \div \frac{5}{6} \\ &= \frac{20}{9} \times \frac{6}{5} \\ &= \frac{\overset{4}{\cancel{20}} \times \overset{2}{\cancel{6}}}{\underset{3}{\cancel{9}} \times \underset{1}{\cancel{5}}} \\ &= \frac{8}{3} \left(2\frac{2}{3} \right) \end{aligned}$$

$$\begin{aligned} \textcircled{3} \quad & \frac{5}{9} \div 1\frac{1}{14} \\ &= \frac{5}{9} \div \frac{15}{14} \\ &= \frac{5}{9} \times \frac{14}{15} \\ &= \frac{\overset{1}{\cancel{5}} \times 14}{9 \times \underset{3}{\cancel{15}}} \\ &= \frac{14}{27} \end{aligned}$$

$$\begin{aligned} \textcircled{5} \quad & \frac{2}{5} \div 2\frac{2}{7} \\ &= \frac{2}{5} \div \frac{16}{7} \\ &= \frac{2}{5} \times \frac{7}{16} \\ &= \frac{\overset{1}{\cancel{2}} \times 7}{5 \times \underset{8}{\cancel{16}}} \\ &= \frac{7}{40} \end{aligned}$$

$$\begin{aligned} \textcircled{2} \quad & \frac{3}{10} \div 1\frac{2}{5} \\ &= \frac{3}{10} \div \frac{7}{5} \\ &= \frac{3}{10} \times \frac{5}{7} \\ &= \frac{3 \times \overset{1}{\cancel{5}}}{\underset{2}{\cancel{10}} \times 7} \\ &= \frac{3}{14} \end{aligned}$$

$$\begin{aligned} \textcircled{4} \quad & 1\frac{4}{5} \div \frac{4}{15} \\ &= \frac{9}{5} \div \frac{4}{15} \\ &= \frac{9}{5} \times \frac{15}{4} \\ &= \frac{9 \times \overset{3}{\cancel{15}}}{\underset{1}{\cancel{5}} \times 4} \\ &= \frac{27}{4} \left(6\frac{3}{4} \right) \end{aligned}$$

$$\begin{aligned} \textcircled{6} \quad & 3\frac{3}{5} \div \frac{8}{15} \\ &= \frac{18}{5} \div \frac{8}{15} \\ &= \frac{18}{5} \times \frac{15}{8} \\ &= \frac{\overset{9}{\cancel{18}} \times \overset{3}{\cancel{15}}}{\underset{1}{\cancel{5}} \times \underset{4}{\cancel{8}}} \\ &= \frac{27}{4} \left(6\frac{3}{4} \right) \end{aligned}$$