



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 $1\frac{2}{5} \div \frac{7}{8}$

= $\frac{7}{5} \div \frac{7}{8}$

= $\frac{7}{5} \times \frac{8}{7}$

= $\frac{\cancel{7} \times 8}{5 \times \cancel{7}}$

= $\frac{8}{5} \left(1\frac{3}{5}\right)$

③ $\frac{3}{4} \div 1\frac{5}{6}$

=

⑤ $\frac{7}{8} \div 1\frac{1}{6}$

=

② $\frac{15}{16} \div 1\frac{1}{8}$

=

④ $1\frac{1}{6} \div \frac{7}{16}$

=

⑥ $1\frac{5}{8} \div \frac{5}{14}$

=



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$$\begin{aligned} \textcircled{1} \quad & 1\frac{2}{5} \div \frac{7}{8} \\ &= \frac{7}{5} \div \frac{7}{8} \\ &= \frac{7}{5} \times \frac{8}{7} \\ &= \frac{\overset{1}{\cancel{7}} \times 8}{5 \times \underset{1}{\cancel{7}}} \\ &= \frac{8}{5} \left(1\frac{3}{5} \right) \end{aligned}$$

$$\begin{aligned} \textcircled{3} \quad & \frac{3}{4} \div 1\frac{5}{6} \\ &= \frac{3}{4} \div \frac{11}{6} \\ &= \frac{3}{4} \times \frac{6}{11} \\ &= \frac{3 \times \overset{3}{\cancel{6}}}{\underset{2}{\cancel{4}} \times 11} \\ &= \frac{9}{22} \end{aligned}$$

$$\begin{aligned} \textcircled{5} \quad & \frac{7}{8} \div 1\frac{1}{6} \\ &= \frac{7}{8} \div \frac{7}{6} \\ &= \frac{7}{8} \times \frac{6}{7} \\ &= \frac{\overset{1}{\cancel{7}} \times \overset{3}{\cancel{6}}}{\underset{4}{\cancel{8}} \times \underset{1}{\cancel{7}}} \\ &= \frac{3}{4} \end{aligned}$$

$$\begin{aligned} \textcircled{2} \quad & \frac{15}{16} \div 1\frac{1}{8} \\ &= \frac{15}{16} \div \frac{9}{8} \\ &= \frac{15}{16} \times \frac{8}{9} \\ &= \frac{\overset{5}{\cancel{15}} \times \overset{1}{\cancel{8}}}{\underset{2}{\cancel{16}} \times \underset{3}{\cancel{9}}} \\ &= \frac{5}{6} \end{aligned}$$

$$\begin{aligned} \textcircled{4} \quad & 1\frac{1}{6} \div \frac{7}{16} \\ &= \frac{7}{6} \div \frac{7}{16} \\ &= \frac{7}{6} \times \frac{16}{7} \\ &= \frac{\overset{1}{\cancel{7}} \times \overset{8}{\cancel{16}}}{\underset{3}{\cancel{6}} \times \underset{1}{\cancel{7}}} \\ &= \frac{8}{3} \left(2\frac{2}{3} \right) \end{aligned}$$

$$\begin{aligned} \textcircled{6} \quad & 1\frac{5}{8} \div \frac{5}{14} \\ &= \frac{13}{8} \div \frac{5}{14} \\ &= \frac{13}{8} \times \frac{14}{5} \\ &= \frac{13 \times \overset{7}{\cancel{14}}}{\underset{4}{\cancel{8}} \times 5} \\ &= \frac{91}{20} \left(4\frac{11}{20} \right) \end{aligned}$$