



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。)

$$\textcircled{1} \quad 1\frac{1}{6} \div \frac{2}{3}$$

$$= \frac{7}{6} \div \frac{2}{3}$$

$$= \frac{7}{6} \times \frac{3}{2}$$

$$= \underline{\hspace{2cm}}$$

$$\textcircled{3} \quad \frac{3}{5} \div 1\frac{7}{8}$$

$$=$$

$$\textcircled{5} \quad \frac{3}{4} \div 1\frac{1}{8}$$

$$=$$

$$\textcircled{2} \quad \frac{1}{2} \div 1\frac{1}{6}$$

$$=$$

$$\textcircled{4} \quad 1\frac{2}{7} \div \frac{5}{14}$$

$$=$$

$$\textcircled{6} \quad 1\frac{5}{9} \div \frac{7}{12}$$

$$=$$



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

$$\begin{aligned} \textcircled{3} \quad & \frac{3}{5} \div 1\frac{7}{8} \\ &= \frac{3}{5} \div \frac{15}{8} \\ &= \frac{3}{5} \times \frac{8}{15} \\ &= \frac{\cancel{3}^1 \times 8}{5 \times \cancel{15}^5} \\ &= \frac{8}{25} \end{aligned}$$

$$\begin{aligned} \textcircled{5} \quad & \frac{3}{4} \div 1\frac{1}{8} \\ &= \frac{3}{4} \div \frac{9}{8} \\ &= \frac{3}{4} \times \frac{8}{9} \\ &= \frac{\cancel{3}^1 \times \cancel{8}^2}{\cancel{4}^1 \times \cancel{9}^3} \\ &= \frac{2}{3} \end{aligned}$$

$$\begin{aligned} \textcircled{2} \quad & \frac{1}{2} \div 1\frac{1}{6} \\ &= \frac{1}{2} \div \frac{7}{6} \\ &= \frac{1}{2} \times \frac{6}{7} \\ &= \frac{1 \times \cancel{6}^3}{\cancel{2}^1 \times 7} \\ &= \frac{3}{7} \end{aligned}$$

$$\begin{aligned} \textcircled{4} \quad & 1\frac{2}{7} \div \frac{5}{14} \\ &= \frac{9}{7} \div \frac{5}{14} \\ &= \frac{9}{7} \times \frac{14}{5} \\ &= \frac{9 \times \cancel{14}^2}{\cancel{7}^1 \times 5} \\ &= \frac{18}{5} \left(3\frac{3}{5} \right) \end{aligned}$$

$$\begin{aligned} \textcircled{6} \quad & 1\frac{5}{9} \div \frac{7}{12} \\ &= \frac{14}{9} \div \frac{7}{12} \\ &= \frac{14}{9} \times \frac{12}{7} \\ &= \frac{\cancel{14}^2 \times \cancel{12}^4}{\cancel{9}^3 \times \cancel{7}^1} \\ &= \frac{8}{3} \left(2\frac{2}{3} \right) \end{aligned}$$