



分数のわり算 6

◎ 帯分数と分数のわり算
(約分なし)



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 $5\frac{1}{3} \div \frac{1}{2}$

= $\frac{16}{3} \div \frac{1}{2}$

= $\frac{16}{3} \times \frac{2}{1}$

② $2\frac{3}{4} \div \frac{2}{3}$

=

③ $\frac{2}{3} \div 3\frac{2}{5}$

=

④ $\frac{7}{8} \div 2\frac{1}{5}$

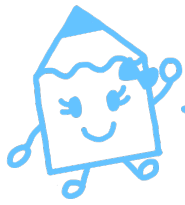
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⑤ $2\frac{2}{5} \div \frac{5}{7}$

=

⑥ $2\frac{5}{6} \div \frac{2}{5}$

=



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$$\begin{aligned} \textcircled{1} \quad & 5\frac{1}{3} \div \frac{1}{2} \\ &= \frac{16}{3} \div \frac{1}{2} \\ &= \frac{16}{3} \times \frac{2}{1} \\ &= \frac{16 \times 2}{3 \times 1} \\ &= \frac{32}{3} \quad \left(10\frac{2}{3}\right) \end{aligned}$$

$$\begin{aligned} \textcircled{2} \quad & 2\frac{3}{4} \div \frac{2}{3} \\ &= \frac{11}{4} \div \frac{2}{3} \\ &= \frac{11}{4} \times \frac{3}{2} \\ &= \frac{11 \times 3}{4 \times 2} \\ &= \frac{33}{8} \quad \left(4\frac{1}{8}\right) \end{aligned}$$

$$\begin{aligned} \textcircled{3} \quad & \frac{2}{3} \div 3\frac{2}{5} \\ &= \frac{2}{3} \div \frac{17}{5} \\ &= \frac{2}{3} \times \frac{5}{17} \\ &= \frac{2 \times 5}{3 \times 17} \\ &= \frac{10}{51} \end{aligned}$$

$$\begin{aligned} \textcircled{4} \quad & \frac{7}{8} \div 2\frac{1}{5} \\ &= \frac{7}{8} \div \frac{11}{5} \\ &= \frac{7}{8} \times \frac{5}{11} \\ &= \frac{7 \times 5}{8 \times 11} \\ &= \frac{35}{88} \end{aligned}$$

$$\begin{aligned} \textcircled{5} \quad & 2\frac{2}{5} \div \frac{5}{7} \\ &= \frac{12}{5} \div \frac{5}{7} \\ &= \frac{12}{5} \times \frac{7}{5} \\ &= \frac{12 \times 7}{5 \times 5} \\ &= \frac{84}{25} \quad \left(3\frac{9}{25}\right) \end{aligned}$$

$$\begin{aligned} \textcircled{6} \quad & 2\frac{5}{6} \div \frac{2}{5} \\ &= \frac{17}{6} \div \frac{2}{5} \\ &= \frac{17}{6} \times \frac{5}{2} \\ &= \frac{17 \times 5}{6 \times 2} \\ &= \frac{85}{12} \quad \left(7\frac{1}{12}\right) \end{aligned}$$