



分数のわり算 10

◎ 帯分数同士のわり算
(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 $1\frac{3}{7} \div 2\frac{2}{5}$

= $\frac{10}{7} \div \frac{12}{5}$

$\frac{10}{7} \times \frac{5}{12}$

= $\frac{\overset{5}{\cancel{10}} \times 5}{7 \times \underset{6}{\cancel{12}}}$

= $\frac{25}{42}$

③ $1\frac{2}{3} \div 1\frac{1}{5}$

=

⑤ $1\frac{3}{5} \div 1\frac{3}{7}$

=

② $5\frac{1}{4} \div 1\frac{2}{5}$

= $\frac{21}{4} \div \frac{7}{5}$

=

④ $1\frac{2}{7} \div 1\frac{2}{3}$

=

⑥ $2\frac{6}{7} \div 1\frac{1}{14}$

=





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$$\textcircled{1} \quad 1\frac{3}{7} \div 2\frac{2}{5}$$

$$= \frac{10}{7} \div \frac{12}{5}$$

$$= \frac{10}{7} \times \frac{5}{12}$$

$$= \frac{\overset{5}{\cancel{10}} \times 5}{7 \times \underset{6}{\cancel{12}}}$$

$$= \frac{25}{42}$$

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

$$= \frac{5}{3} \div \frac{6}{5}$$

$$= \frac{5}{3} \times \frac{5}{6}$$

$$= \frac{5 \times 5}{3 \times 6}$$

$$= \frac{25}{18} \left(1\frac{7}{18}\right)$$

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

$$= \frac{8}{5} \div \frac{10}{7}$$

$$= \frac{8}{5} \times \frac{7}{10}$$

$$= \frac{\overset{4}{\cancel{8}} \times 7}{5 \times \underset{5}{\cancel{10}}}$$

$$= \frac{28}{25} \left(1\frac{3}{25}\right)$$

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

$$= \frac{21}{4} \div \frac{7}{5}$$

$$= \frac{21}{4} \times \frac{5}{7}$$

$$= \frac{\overset{3}{\cancel{21}} \times 5}{4 \times \underset{1}{\cancel{7}}}$$

$$= \frac{15}{4} \left(3\frac{3}{4}\right)$$

$$\textcircled{4} \quad 1\frac{2}{7} \div 1\frac{2}{3}$$

$$= \frac{9}{7} \div \frac{5}{3}$$

$$= \frac{9}{7} \times \frac{3}{5}$$

$$= \frac{9 \times 3}{7 \times 5}$$

$$= \frac{27}{35}$$

$$\textcircled{6} \quad 2\frac{6}{7} \div 1\frac{1}{14}$$

$$= \frac{20}{7} \div \frac{15}{14}$$

$$= \frac{20}{7} \times \frac{14}{15}$$

$$= \frac{\overset{4}{\cancel{20}} \times \underset{2}{\cancel{14}}}{\underset{1}{\cancel{7}} \times \underset{3}{\cancel{15}}}$$

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

