



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

= $\frac{4}{3} \div \frac{12}{5}$

= $\frac{4}{3} \times \frac{5}{12}$

= $\frac{\cancel{4} \times 5}{3 \times \cancel{12}_3}$

=

② $2\frac{2}{3} \div 1\frac{7}{11}$

=

③ $1\frac{1}{5} \div 2\frac{5}{8}$

=

④ $1\frac{1}{6} \div 4\frac{1}{2}$

=

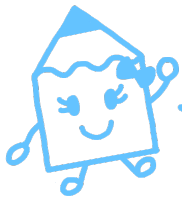
⑤ $1\frac{2}{3} \div 1\frac{1}{5}$

=

⑥ $2\frac{1}{2} \div 2\frac{1}{12}$

=





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

$$= \frac{4}{3} \div \frac{12}{5}$$

$$= \frac{4}{3} \times \frac{5}{12}$$

$$= \frac{\overset{1}{\cancel{4}} \times 5}{3 \times \underset{3}{\cancel{12}}}$$

$$= \frac{5}{9}$$

$$\textcircled{3} \quad 1\frac{1}{5} \div 2\frac{5}{8}$$

$$= \frac{6}{5} \div \frac{21}{8}$$

$$= \frac{6}{5} \times \frac{8}{21}$$

$$= \frac{\overset{2}{\cancel{6}} \times 8}{5 \times \underset{7}{\cancel{21}}}$$

$$= \frac{16}{35}$$

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

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

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

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

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

$$\textcircled{2} \quad 2\frac{2}{3} \div 1\frac{7}{11}$$

$$= \frac{8}{3} \div \frac{18}{11}$$

$$= \frac{8}{3} \times \frac{11}{18}$$

$$= \frac{\overset{4}{\cancel{8}} \times 11}{3 \times \underset{9}{\cancel{18}}}$$

$$= \frac{44}{27} \left(1\frac{17}{27}\right)$$

$$\textcircled{4} \quad 1\frac{1}{6} \div 4\frac{1}{2}$$

$$= \frac{7}{6} \div \frac{9}{2}$$

$$= \frac{7}{6} \times \frac{2}{9}$$

$$= \frac{7 \times \overset{1}{\cancel{2}}}{\underset{3}{\cancel{6}} \times 9}$$

$$= \frac{7}{27}$$

$$\textcircled{6} \quad 2\frac{1}{2} \div 2\frac{1}{12}$$

$$= \frac{5}{2} \div \frac{25}{12}$$

$$= \frac{5}{2} \times \frac{12}{25}$$

$$= \frac{\overset{1}{\cancel{5}} \times \overset{6}{\cancel{12}}}{\underset{5}{\cancel{2}} \times \underset{5}{\cancel{25}}}$$

$$= \frac{6}{5} \left(1\frac{1}{5}\right)$$

