



分数のわり算 10

◎ 帯分数同士のわり算
(約分あり)

10

日にち： 月 日

名まえ _____

・次の計算をしましょう。

① $7 \div 2\frac{4}{5}$

=

③ $1\frac{1}{4} \div 1\frac{7}{8}$

=

⑤ $2\frac{1}{4} \div 1\frac{5}{9}$

=

② $1\frac{5}{6} \div 2\frac{1}{2}$

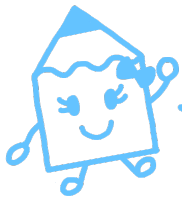
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④ $10 \div 1\frac{1}{5}$

=

⑥ $2\frac{4}{5} \div 3\frac{1}{4}$

=



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

$$= 7 \div \frac{14}{5}$$

$$= 7 \times \frac{5}{14}$$

$$= \frac{\overset{1}{\cancel{7}} \times 5}{\underset{2}{\cancel{14}}}$$

$$= \frac{5}{2} \left(2\frac{1}{2} \right)$$

$$\textcircled{3} \quad 1\frac{1}{4} \div 1\frac{7}{8}$$

$$= \frac{5}{4} \div \frac{15}{8}$$

$$= \frac{5}{4} \times \frac{8}{15}$$

$$= \frac{\overset{1}{\cancel{5}} \times \overset{2}{\cancel{8}}}{\underset{1}{\cancel{4}} \times \underset{3}{\cancel{15}}}$$

$$= \frac{2}{3}$$

$$\textcircled{5} \quad 2\frac{1}{4} \div 1\frac{5}{9}$$

$$= \frac{9}{4} \div \frac{14}{9}$$

$$= \frac{9}{4} \times \frac{9}{14}$$

$$= \frac{9 \times 9}{4 \times 14}$$

$$= \frac{81}{56} \left(1\frac{25}{56} \right)$$

$$\textcircled{2} \quad 1\frac{5}{6} \div 2\frac{1}{2}$$

$$= \frac{11}{6} \div \frac{5}{2}$$

$$= \frac{11}{6} \times \frac{2}{5}$$

$$= \frac{11 \times \overset{1}{\cancel{2}}}{\underset{3}{\cancel{6}} \times 5}$$

$$= \frac{11}{15}$$

$$\textcircled{4} \quad 10 \div 1\frac{1}{5}$$

$$= 10 \div \frac{6}{5}$$

$$= 10 \times \frac{5}{6}$$

$$= \frac{\overset{5}{\cancel{10}} \times 5}{\underset{3}{\cancel{6}}}$$

$$= \frac{25}{3} \left(8\frac{1}{3} \right)$$

$$\textcircled{6} \quad 2\frac{4}{5} \div 3\frac{1}{4}$$

$$= \frac{14}{5} \div \frac{13}{4}$$

$$= \frac{14}{5} \times \frac{4}{13}$$

$$= \frac{14 \times 4}{5 \times 13}$$

$$= \frac{56}{65}$$

