



分数のわり算 10

◎ 帯分数同士のわり算
(約分あり)

12

日にち： 月 日

名まえ _____

・次の計算をしましょう。

① $12 \div 2\frac{6}{7}$

=

③ $1\frac{1}{4} \div 1\frac{1}{6}$

=

⑤ $4\frac{3}{4} \div 1\frac{3}{20}$

=

② $4\frac{1}{3} \div 1\frac{3}{10}$

=

④ $24 \div 1\frac{1}{15}$

=

⑥ $2\frac{5}{8} \div 3\frac{4}{15}$

=





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$$\textcircled{1} 12 \div 2\frac{6}{7}$$

$$= 12 \div \frac{20}{7}$$

$$= 12 \times \frac{7}{20}$$

$$= \frac{\overset{3}{\cancel{12}} \times 7}{20 \underset{5}{\cancel{5}}}$$

$$= \frac{21}{5} \left(4\frac{1}{5}\right)$$

$$\textcircled{2} 4\frac{1}{3} \div 1\frac{3}{10}$$

$$= \frac{13}{3} \div \frac{13}{10}$$

$$= \frac{13}{3} \times \frac{10}{13}$$

$$= \frac{\overset{1}{\cancel{13}} \times 10}{3 \times \underset{1}{\cancel{13}}}$$

$$= \frac{10}{3} \left(3\frac{1}{3}\right)$$

$$\textcircled{3} 1\frac{1}{4} \div 1\frac{1}{6}$$

$$= \frac{5}{4} \div \frac{7}{6}$$

$$= \frac{5}{4} \times \frac{6}{7}$$

$$= \frac{5 \times \overset{3}{\cancel{6}}}{\underset{2}{\cancel{4}} \times 7}$$

$$= \frac{15}{14} \left(1\frac{1}{14}\right)$$

$$\textcircled{4} 24 \div 1\frac{1}{15}$$

$$= 24 \div \frac{16}{15}$$

$$= 24 \times \frac{15}{16}$$

$$= \frac{\overset{3}{\cancel{24}} \times 15}{\underset{2}{\cancel{16}}}$$

$$= \frac{45}{2} \left(22\frac{1}{2}\right)$$

$$\textcircled{5} 4\frac{3}{4} \div 1\frac{3}{20}$$

$$= \frac{19}{4} \div \frac{23}{20}$$

$$= \frac{19}{4} \times \frac{20}{23}$$

$$= \frac{\overset{5}{\cancel{19}} \times \overset{5}{\cancel{20}}}{\underset{1}{\cancel{4}} \times 23}$$

$$= \frac{95}{23} \left(4\frac{3}{23}\right)$$

$$\textcircled{6} 2\frac{5}{8} \div 3\frac{4}{15}$$

$$= \frac{21}{8} \div \frac{49}{15}$$

$$= \frac{21}{8} \times \frac{15}{49}$$

$$= \frac{\overset{3}{\cancel{21}} \times 15}{8 \times \underset{7}{\cancel{49}}}$$

$$= \frac{45}{56}$$

