



分数のわり算 12

◎ 帯分数と小数のわり算
(約分あり)



日にち： 月 日

名まえ _____

・ 次の計算をしましょう。

① $1\frac{1}{5} \div 5.4$

=

③ $3 \div 1\frac{1}{5}$

=

⑤ $0.6 \div 1\frac{2}{7}$

=

② $2 \div 1\frac{1}{3}$

=

④ $3.6 \div 1\frac{1}{8}$

=

⑥ $0.8 \div 1\frac{5}{9}$

=





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$$\textcircled{1} \quad 1\frac{1}{5} \div 5.4$$

$$= \frac{6}{5} \div \frac{54}{10}$$

$$= \frac{6}{5} \times \frac{5}{27}$$

$$= \frac{\overset{2}{\cancel{6}} \times \overset{1}{\cancel{5}}}{\underset{1}{\cancel{5}} \times \underset{9}{\cancel{27}}}$$

$$= \frac{2}{9}$$

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

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

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

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

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

$$\textcircled{5} \quad 0.6 \div 1\frac{2}{7}$$

$$= \frac{\overset{3}{\cancel{6}}}{\underset{5}{\cancel{10}}} \div \frac{9}{7}$$

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

$$= \frac{\overset{1}{\cancel{3}} \times 7}{\underset{3}{\cancel{5}} \times \underset{3}{\cancel{9}}}$$

$$= \frac{7}{15}$$

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

$$= 2 \div \frac{4}{3}$$

$$= 2 \times \frac{3}{4}$$

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

$$= \frac{3}{2} \left(1\frac{1}{2}\right)$$

$$\textcircled{4} \quad 3.6 \div 1\frac{1}{8}$$

$$= \frac{36}{10} \div \frac{9}{8}$$

$$= \frac{18}{5} \times \frac{8}{9}$$

$$= \frac{\overset{2}{\cancel{18}} \times 8}{\underset{5}{\cancel{9}}}$$

$$= \frac{16}{5} \left(3\frac{1}{5}\right)$$

$$\textcircled{6} \quad 0.8 \div 1\frac{5}{9}$$

$$= \frac{\overset{4}{\cancel{8}}}{\underset{5}{\cancel{10}}} \div \frac{14}{9}$$

$$= \frac{4}{5} \times \frac{9}{14}$$

$$= \frac{\overset{2}{\cancel{4}} \times 9}{\underset{7}{\cancel{5}} \times \underset{7}{\cancel{14}}}$$

$$= \frac{9}{35}$$

