



分数のわり算 11

● 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。(うすい字はしっかりとぞりましょう。)

① $8.1 \div \frac{9}{5}$

=

③ $\frac{9}{10} \div 1.2$

=

⑤ $5\frac{1}{2} \div 3\frac{2}{3}$

=

② $2.2 \div \frac{13}{15}$

=

④ $1\frac{7}{12} \div 1\frac{1}{8}$

=

⑥ $\frac{15}{7} \div 1.8$

=





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● 分数と小数のわり算
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13

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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。)

$$\textcircled{1} \quad 8.1 \div \frac{9}{5}$$

$$= \frac{81}{10} \div \frac{9}{5}$$

$$= \frac{81}{10} \times \frac{5}{9}$$

$$= \frac{\overset{9}{\cancel{81}} \times \overset{1}{\cancel{5}}}{\underset{2}{\cancel{10}} \times \underset{1}{\cancel{9}}}$$

$$= \frac{9}{2} \left(4\frac{1}{2} \right)$$

$$\textcircled{3} \quad \frac{9}{10} \div 1.2$$

$$= \frac{9}{10} \div \frac{12}{10} \frac{6}{5}$$

$$= \frac{9}{10} \times \frac{5}{6}$$

$$= \frac{\overset{3}{\cancel{9}} \times \overset{1}{\cancel{5}}}{\underset{2}{\cancel{10}} \times \underset{2}{\cancel{6}}}$$

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

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

$$= \frac{11}{2} \div \frac{11}{3}$$

$$= \frac{11}{2} \times \frac{3}{11}$$

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

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

$$\textcircled{2} \quad 2.2 \div \frac{13}{15}$$

$$= \frac{22}{10} \div \frac{13}{15} \frac{11}{5}$$

$$= \frac{11}{5} \times \frac{15}{13}$$

$$= \frac{11 \times \overset{3}{\cancel{15}}}{\underset{1}{\cancel{5}} \times 13}$$

$$= \frac{33}{13} \left(2\frac{7}{13} \right)$$

$$\textcircled{4} \quad 1\frac{7}{12} \div 1\frac{1}{8}$$

$$= \frac{19}{12} \div \frac{9}{8}$$

$$= \frac{19}{12} \times \frac{8}{9}$$

$$= \frac{19 \times \overset{2}{\cancel{8}}}{\underset{3}{\cancel{12}} \times 9}$$

$$= \frac{38}{27} \left(1\frac{11}{27} \right)$$

$$\textcircled{6} \quad \frac{15}{7} \div 1.8$$

$$= \frac{15}{7} \div \frac{18}{10} \frac{9}{5}$$

$$= \frac{15}{7} \times \frac{5}{9}$$

$$= \frac{\overset{5}{\cancel{15}} \times 5}{7 \times \underset{3}{\cancel{9}}}$$

$$= \frac{25}{21} \left(1\frac{4}{21} \right)$$

