



分数のわり算 18

3つの分数や
小数のわり算



日にち： 月 日

名まえ _____

・ 次の計算をしましょう。

① $1.1 \times \frac{5}{9} \div 8\frac{4}{5}$

=

③ $2.8 \div 4\frac{1}{5} \div \frac{7}{11}$

=

② $0.9 \times \frac{2}{3} \div 2.3$

=

④ $8.4 \div \frac{7}{8} \div 1\frac{1}{11}$

=



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$$\textcircled{1} \quad 1.1 \times \frac{5}{9} \div 8\frac{4}{5}$$

$$= \frac{11}{10} \times \frac{5}{9} \div \frac{44}{5}$$

$$= \frac{11}{10} \times \frac{5}{9} \times \frac{5}{44}$$

$$= \frac{\overset{1}{\cancel{11}} \times \overset{1}{\cancel{5}} \times 5}{\underset{2}{\cancel{10}} \times \underset{1}{\cancel{9}} \times \underset{4}{\cancel{44}}}$$

$$= \frac{5}{72}$$

$$\textcircled{2} \quad 0.9 \times \frac{2}{3} \div 2.3$$

$$= \frac{9}{10} \times \frac{2}{3} \div \frac{23}{10}$$

$$= \frac{9}{10} \times \frac{2}{3} \times \frac{10}{23}$$

$$= \frac{\overset{3}{\cancel{9}} \times \overset{1}{\cancel{2}} \times \overset{1}{\cancel{10}}}{\underset{1}{\cancel{10}} \times \underset{1}{\cancel{3}} \times 23}$$

$$= \frac{6}{23}$$

$$\textcircled{3} \quad 2.8 \div 4\frac{1}{5} \div \frac{7}{11}$$

$$= \frac{\overset{4}{\cancel{28}}}{\underset{5}{\cancel{10}}} \div \frac{21}{5} \div \frac{7}{11}$$

$$= \frac{14}{5} \times \frac{5}{21} \times \frac{11}{7}$$

$$= \frac{\overset{2}{\cancel{14}} \times \overset{1}{\cancel{5}} \times 11}{\underset{1}{\cancel{5}} \times \underset{3}{\cancel{21}} \times 7}$$

$$= \frac{11}{21}$$

$$\textcircled{4} \quad 8.4 \div \frac{7}{8} \div 1\frac{1}{11}$$

$$= \frac{\overset{42}{\cancel{84}}}{\underset{5}{\cancel{10}}} \div \frac{7}{8} \div \frac{12}{11}$$

$$= \frac{42}{5} \times \frac{8}{7} \times \frac{11}{12}$$

$$= \frac{\overset{6}{\cancel{42}} \times \overset{4}{\cancel{8}} \times 11}{\underset{1}{\cancel{5}} \times \underset{1}{\cancel{7}} \times \underset{2}{\cancel{12}}}$$

$$= \frac{44}{5} \left(8\frac{4}{5} \right)$$