



分数のわり算 15

3つの分数のわり算



日にち： 月 日

名まえ

・ 次の計算をしましょう。

$$\textcircled{1} \quad \frac{8}{9} \div \frac{16}{7} \div \frac{11}{12}$$

=

$$\textcircled{3} \quad \frac{5}{8} \div \frac{5}{6} \div \frac{5}{12}$$

=

$$\textcircled{2} \quad \frac{1}{6} \div \frac{3}{25} \div \frac{10}{21}$$

=

$$\textcircled{4} \quad \frac{2}{5} \div \frac{17}{9} \div \frac{3}{10}$$

=



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3つの分数のわり算

7

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・ 次の計算をしましょう。

$$\textcircled{1} \quad \frac{8}{9} \div \frac{16}{7} \div \frac{11}{12}$$

$$= \frac{8}{9} \times \frac{7}{16} \times \frac{12}{11}$$

$$= \frac{\overset{1}{\cancel{8}} \times 7 \times \overset{4}{\cancel{12}}}{\underset{3}{\cancel{9}} \times \underset{2}{\cancel{16}} \times 11}$$

$$= \frac{1 \times 7 \times \overset{2}{\cancel{4}}}{3 \times \underset{1}{\cancel{2}} \times 11}$$

$$= \frac{14}{33}$$

$$\textcircled{2} \quad \frac{1}{6} \div \frac{3}{25} \div \frac{10}{21}$$

$$= \frac{1}{6} \times \frac{25}{3} \times \frac{21}{10}$$

$$= \frac{1 \times \overset{5}{\cancel{25}} \times \overset{7}{\cancel{21}}}{6 \times \underset{1}{\cancel{3}} \times \underset{2}{\cancel{10}}}$$

$$= \frac{35}{12} \left(2 \frac{11}{12} \right)$$

$$\textcircled{3} \quad \frac{5}{8} \div \frac{5}{6} \div \frac{5}{12}$$

$$= \frac{5}{8} \times \frac{6}{5} \times \frac{12}{5}$$

$$= \frac{\overset{1}{\cancel{5}} \times \overset{3}{\cancel{6}} \times 12}{\underset{4}{\cancel{8}} \times 5 \times \underset{1}{\cancel{5}}}$$

$$= \frac{1 \times 3 \times \overset{3}{\cancel{12}}}{\underset{1}{\cancel{4}} \times 5 \times 1}$$

$$= \frac{9}{5} \left(1 \frac{4}{5} \right)$$

$$\textcircled{4} \quad \frac{2}{5} \div \frac{17}{9} \div \frac{3}{10}$$

$$= \frac{2}{5} \times \frac{9}{17} \times \frac{10}{3}$$

$$= \frac{2 \times \overset{3}{\cancel{9}} \times \overset{2}{\cancel{10}}}{\underset{1}{\cancel{5}} \times 17 \times \underset{1}{\cancel{3}}}$$

$$= \frac{12}{17}$$

