



# 分数のわり算 15

3つの分数のわり算



日にち：            月            日

名まえ

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・ 次の計算をしましょう。

$$\textcircled{1} \quad \frac{8}{9} \div \frac{2}{15} \div \frac{12}{13}$$

=

$$\textcircled{3} \quad \frac{5}{8} \div \frac{3}{4} \times \frac{9}{5}$$

=

$$\textcircled{2} \quad \frac{2}{7} \div \frac{3}{8} \times \frac{14}{9}$$

=

$$\textcircled{4} \quad \frac{7}{12} \div \frac{9}{4} \div \frac{2}{5}$$

=



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$$\textcircled{1} \quad \frac{8}{9} \div \frac{2}{15} \div \frac{12}{13}$$

$$= \frac{8}{9} \times \frac{15}{2} \times \frac{13}{12}$$

$$= \frac{\overset{2}{\cancel{8}} \times \overset{5}{\cancel{15}} \times 13}{\underset{3}{\cancel{9}} \times 2 \times \underset{3}{\cancel{12}}}$$

$$= \frac{\overset{1}{\cancel{2}} \times 5 \times 13}{3 \times \underset{1}{\cancel{2}} \times 3}$$

$$= \frac{65}{9} \left( 7 \frac{2}{9} \right)$$

$$\textcircled{2} \quad \frac{2}{7} \div \frac{3}{8} \times \frac{14}{9}$$

$$= \frac{2}{7} \times \frac{8}{3} \times \frac{14}{9}$$

$$= \frac{2 \times 8 \times \overset{2}{\cancel{14}}}{\underset{1}{\cancel{7}} \times 3 \times 9}$$

$$= \frac{32}{27} \left( 1 \frac{5}{27} \right)$$

$$\textcircled{3} \quad \frac{5}{8} \div \frac{3}{4} \times \frac{9}{5}$$

$$= \frac{5}{8} \times \frac{4}{3} \times \frac{9}{5}$$

$$= \frac{\overset{1}{\cancel{5}} \times 4 \times \overset{3}{\cancel{9}}}{8 \times 3 \times \underset{1}{\cancel{5}}}$$

$$= \frac{1 \times \underset{1}{\cancel{4}} \times 3}{\underset{2}{\cancel{8}} \times 1 \times 1}$$

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

$$\textcircled{4} \quad \frac{7}{12} \div \frac{9}{4} \div \frac{2}{5}$$

$$= \frac{7}{12} \times \frac{4}{9} \times \frac{5}{2}$$

$$= \frac{7 \times \underset{1}{\cancel{4}} \times 5}{\underset{3}{\cancel{12}} \times 9 \times 2}$$

$$= \frac{35}{54}$$

