



## 分数のかけ算 12

3つの分数の積  
(真分数のみ)



日にち：            月            日

名まえ

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・次の計算をしましょう。

$$\textcircled{1} \quad \frac{8}{15} \times \frac{6}{7} \times \frac{3}{8}$$

=

$$\textcircled{3} \quad \frac{3}{5} \times \frac{10}{11} \times \frac{2}{3}$$

=

$$\textcircled{2} \quad \frac{1}{3} \times \frac{3}{4} \times \frac{6}{7}$$

=

$$\textcircled{4} \quad \frac{3}{4} \times \frac{7}{8} \times \frac{16}{21}$$

=



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$$\begin{aligned} \textcircled{1} \quad & \frac{8}{15} \times \frac{6}{7} \times \frac{3}{8} \\ &= \frac{\overset{1}{\cancel{8}} \times \overset{2}{\cancel{6}} \times 3}{\overset{5}{\cancel{15}} \times 7 \times \overset{1}{\cancel{8}}} \\ &= \frac{1 \times 2 \times 3}{5 \times 7 \times 1} \\ &= \frac{6}{35} \end{aligned}$$

$$\begin{aligned} \textcircled{2} \quad & \frac{1}{3} \times \frac{3}{4} \times \frac{6}{7} \\ &= \frac{1 \times \overset{3}{\cancel{3}} \times \overset{2}{\cancel{6}}}{3 \times \overset{2}{\cancel{4}} \times 7} \\ &= \frac{1 \times 3 \times \overset{1}{\cancel{3}}}{\overset{1}{\cancel{3}} \times 2 \times 7} \\ &= \frac{1 \times 3 \times 1}{1 \times 2 \times 7} \\ &= \frac{3}{14} \end{aligned}$$

$$\begin{aligned} \textcircled{3} \quad & \frac{3}{5} \times \frac{10}{11} \times \frac{2}{3} \\ &= \frac{\overset{1}{\cancel{3}} \times \overset{2}{\cancel{10}} \times 2}{\overset{1}{\cancel{5}} \times 11 \times \overset{1}{\cancel{3}}} \\ &= \frac{1 \times 2 \times 2}{1 \times 11 \times 1} \\ &= \frac{4}{11} \end{aligned}$$

$$\begin{aligned} \textcircled{4} \quad & \frac{3}{4} \times \frac{7}{8} \times \frac{16}{21} \\ &= \frac{3 \times \overset{1}{\cancel{7}} \times \overset{4}{\cancel{16}}}{\overset{1}{\cancel{4}} \times 8 \times \overset{3}{\cancel{21}}} \\ &= \frac{\overset{1}{\cancel{3}} \times 1 \times \overset{1}{\cancel{4}}}{1 \times \overset{2}{\cancel{8}} \times \overset{1}{\cancel{3}}} \\ &= \frac{1 \times 1 \times 1}{1 \times 2 \times 1} \\ &= \frac{1}{2} \end{aligned}$$

