



## 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。

$$\textcircled{1} \quad \frac{5}{6} \times \frac{3}{4} \times \frac{1}{10}$$

=

$$\textcircled{3} \quad 7\frac{1}{5} \times 4\frac{1}{6}$$

=

$$\textcircled{2} \quad \frac{7}{8} \times \frac{3}{10} \times \frac{16}{21}$$

=

$$\textcircled{4} \quad 1\frac{3}{5} \times 1\frac{1}{7}$$

=





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$$\begin{aligned} \textcircled{1} \quad & \frac{5}{6} \times \frac{3}{4} \times \frac{1}{10} \\ &= \frac{\overset{1}{\cancel{5}} \times \overset{1}{\cancel{3}} \times 1}{\underset{2}{\cancel{6}} \times 4 \times \underset{2}{\cancel{10}}} \\ &= \frac{1 \times 1 \times 1}{2 \times 4 \times 2} \\ &= \frac{1}{16} \end{aligned}$$

$$\begin{aligned} \textcircled{2} \quad & \frac{7}{8} \times \frac{3}{10} \times \frac{16}{21} \\ &= \frac{\overset{1}{\cancel{7}} \times 3 \times \overset{2}{\cancel{16}}}{\underset{1}{\cancel{8}} \times 10 \times \underset{3}{\cancel{21}}} \\ &= \frac{1 \times \overset{1}{\cancel{3}} \times \overset{1}{\cancel{2}}}{1 \times \underset{5}{\cancel{10}} \times \underset{1}{\cancel{3}}} \\ &= \frac{1 \times 1 \times 1}{1 \times 5 \times 1} \\ &= \frac{1}{5} \end{aligned}$$

$$\begin{aligned} \textcircled{3} \quad & 7\frac{1}{5} \times 4\frac{1}{6} \\ &= \frac{\overset{6}{\cancel{36}} \times \overset{5}{\cancel{25}}}{\underset{1}{\cancel{5}} \times \underset{1}{\cancel{6}}} \\ &= 6 \times 5 \\ &= 30 \end{aligned}$$

$$\begin{aligned} \textcircled{4} \quad & 1\frac{3}{5} \times 1\frac{1}{7} \\ &= \frac{8 \times 8}{5 \times 7} \\ &= \frac{64}{35} \left( 1\frac{29}{35} \right) \end{aligned}$$

