



分数のわり算 15

3つの分数のわり算

4

日にち： 月 日

名まえ _____

・ 次の計算をしましょう。

$$\textcircled{1} \quad \frac{5}{8} \div \frac{4}{5} \div \frac{15}{14}$$

=

$$\textcircled{3} \quad \frac{9}{14} \div \frac{9}{8} \div \frac{14}{11}$$

=

$$\textcircled{2} \quad \frac{1}{24} \div \frac{9}{4} \div \frac{1}{25}$$

=

$$\textcircled{4} \quad \frac{9}{2} \div \frac{12}{7} \div \frac{14}{5}$$

=





分数のわり算 15

3つの分数のわり算

4

日にち： 月 日

名まえ _____

・ 次の計算をしましょう。

$$\begin{aligned} \textcircled{1} \quad & \frac{5}{8} \div \frac{4}{5} \div \frac{15}{14} \\ &= \frac{5}{8} \times \frac{5}{4} \times \frac{14}{15} \\ &= \frac{5 \times \cancel{5}^1 \times \cancel{14}^7}{8 \times \cancel{4}_2 \times \cancel{15}_3} \\ &= \frac{35}{48} \end{aligned}$$

$$\begin{aligned} \textcircled{2} \quad & \frac{1}{24} \div \frac{9}{4} \div \frac{1}{25} \\ &= \frac{1}{24} \times \frac{4}{9} \times \frac{25}{1} \\ &= \frac{1 \times \cancel{4}^1 \times 25}{\cancel{24}_6 \times 9 \times 1} \\ &= \frac{25}{54} \end{aligned}$$

$$\begin{aligned} \textcircled{3} \quad & \frac{9}{14} \div \frac{9}{8} \div \frac{14}{11} \\ &= \frac{9}{14} \times \frac{8}{9} \times \frac{11}{14} \\ &= \frac{\cancel{9}^1 \times \cancel{8}^4 \times 11}{\cancel{14}_7 \times \cancel{9}_1 \times 14} \\ &= \frac{1 \times \cancel{4}^2 \times 11}{7 \times 1 \times \cancel{14}_7} \\ &= \frac{22}{49} \end{aligned}$$

$$\begin{aligned} \textcircled{4} \quad & \frac{9}{2} \div \frac{12}{7} \div \frac{14}{5} \\ &= \frac{9}{2} \times \frac{7}{12} \times \frac{5}{14} \\ &= \frac{\cancel{9}^3 \times \cancel{7}^1 \times 5}{2 \times \cancel{12}_4 \times \cancel{14}_2} \\ &= \frac{15}{16} \end{aligned}$$

