



分数のかけ算 14

● 3つの数の積
(帯分数・整数あり)



日にち： 月 日

名まえ

・次の計算をしましょう。

$$\textcircled{1} \quad \frac{2}{9} \times \frac{2}{7} \times 1\frac{5}{16}$$

=

$$\textcircled{3} \quad 1\frac{1}{4} \times 9 \times \frac{8}{15}$$

=

$$\textcircled{2} \quad \frac{4}{5} \times 21 \times 1\frac{3}{7}$$

=

$$\textcircled{4} \quad \frac{2}{3} \times 5\frac{3}{5} \times \frac{2}{7}$$

=



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$$\textcircled{1} \quad \frac{2}{9} \times \frac{2}{7} \times 1\frac{5}{16}$$

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

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

$$= \frac{1 \times 1 \times 1}{3 \times 1 \times 4}$$

$$= \frac{1}{12}$$

$$\textcircled{2} \quad \frac{4}{5} \times 21 \times 1\frac{3}{7}$$

$$= \frac{\underset{1}{\cancel{4}} \times \overset{3}{\cancel{2}} \times \overset{2}{\cancel{10}}}{\underset{1}{\cancel{5}} \times \underset{1}{\cancel{1}} \times \underset{1}{\cancel{7}}}$$

$$= \frac{4 \times 3 \times 2}{1 \times 1 \times 1}$$

$$= 24$$

$$\textcircled{3} \quad 1\frac{1}{4} \times 9 \times \frac{8}{15}$$

$$= \frac{\overset{1}{\cancel{5}} \times \cancel{9} \times \overset{2}{\cancel{8}}}{\underset{1}{\cancel{4}} \times \underset{1}{\cancel{1}} \times \underset{3}{\cancel{15}}}$$

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

$$= \frac{1 \times 3 \times 2}{1 \times 1 \times 1}$$

$$= 6$$

$$\textcircled{4} \quad \frac{2}{3} \times 5\frac{3}{5} \times \frac{2}{7}$$

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

$$= \frac{2 \times 4 \times 2}{3 \times 5 \times 1}$$

$$= \frac{16}{15} \left(1\frac{1}{15} \right)$$