

分数のかけ算わり算まとめ 基本

目標時間

10分

NO.4

名前

/12 点

1 次の計算をなさい

① $\frac{4}{9} \times \frac{6}{7}$

② $\frac{14}{27} \times \frac{18}{35}$

③ $\frac{10}{9} \times 1 \frac{4}{5}$

④ $2 \frac{5}{6} \times \frac{9}{17}$

⑤ $\frac{8}{9} \div \frac{2}{7}$

⑥ $\frac{11}{15} \div \frac{5}{12}$

⑦ $\frac{11}{8} \div 1 \frac{5}{8}$

⑧ $3 \frac{3}{7} \div \frac{4}{9}$

⑨ $\frac{7}{9} \div \frac{2}{3} \times \frac{6}{7}$

⑩ $\frac{7}{8} \div 1 \frac{3}{4} \div \frac{5}{6}$

2 Imが 520 円をロープ $1 \frac{4}{5}$ m 買います。

代金は何円ですか。

(式)

3 周の長さが $16 \frac{2}{3}$ cm、 縦が $3 \frac{5}{6}$ cmの

長方形の横の長さは何cmですか。

(式)

答え

1

$$\textcircled{1} \quad \frac{4}{9} \times \frac{6}{7} = \frac{8}{21}$$

$$\textcircled{2} \quad \frac{14}{27} \times \frac{18}{35} = \frac{4}{15}$$

$$\textcircled{3} \quad \frac{10}{9} \times \frac{9}{5} = \frac{2}{1} = 2$$

$$\textcircled{4} \quad \frac{17}{6} \times \frac{9}{17} = \frac{3}{2}$$

$$\textcircled{5} \quad \frac{8}{9} \div \frac{2}{7} = \frac{8}{9} \times \frac{7}{2} = \frac{28}{9}$$

$$\textcircled{6} \quad \frac{11}{15} \div \frac{5}{12} = \frac{11}{15} \times \frac{12}{5} = \frac{44}{25}$$

$$\textcircled{7} \quad \frac{11}{8} \div \frac{13}{8} = \frac{11}{8} \times \frac{8}{13} = \frac{11}{13}$$

$$\textcircled{8} \quad \frac{24}{7} \div \frac{4}{9} = \frac{24}{7} \times \frac{9}{4} = \frac{54}{7}$$

$$\textcircled{9} \quad \frac{7}{9} \div \frac{2}{3} \times \frac{6}{7} = \frac{7}{9} \times \frac{3}{2} \times \frac{6}{7} = \frac{1}{1} = 1$$

$$\begin{aligned} \textcircled{10} \quad \frac{7}{8} \div \frac{3}{4} \div \frac{5}{6} &= \frac{7}{8} \div \frac{7}{4} \div \frac{5}{6} \\ &= \frac{7}{8} \times \frac{4}{7} \times \frac{6}{5} = \frac{3}{5} \end{aligned}$$

2

$$520 \times \frac{9}{5} = 936 \quad 936 \text{ 円}$$

3

$$\begin{aligned} 16\frac{2}{3} \div 2 - 3\frac{5}{6} &= \frac{50}{3} \times \frac{1}{2} - \frac{23}{6} \\ &= \frac{50}{6} - \frac{23}{6} = \frac{27}{6} = \frac{9}{2} \end{aligned}$$

$$\text{答え} \quad \frac{9}{2} \text{ cm} \quad \left(4\frac{1}{2} \text{ cm} \right)$$