

分数のかけ算わり算まとめ 基本

目標時間

10分

NO.3

名前

/12 点

1 次の計算をなさい

① $\frac{6}{7} \times \frac{5}{8}$

② $\frac{12}{35} \times \frac{21}{16}$

③ $\frac{11}{6} \times 2\frac{2}{5}$

④ $3\frac{1}{4} \times \frac{6}{13}$

⑤ $\frac{7}{10} \div \frac{1}{6}$

⑥ $\frac{9}{13} \div \frac{6}{17}$

⑦ $\frac{10}{11} \div 1\frac{4}{11}$

⑧ $2\frac{5}{8} \div \frac{5}{9}$

⑨ $\frac{5}{8} \div \frac{3}{7} \times \frac{21}{20}$

⑩ $\frac{17}{18} \div \frac{34}{27} \div \frac{15}{16}$

2 1Lが 350 円のジュースを $2\frac{2}{5}$ L 買います。

代金は何円ですか。

(式)

3 三角形の面積が $14\frac{17}{20}$ cm²、底辺が $6\frac{3}{4}$ mのとき、

高さは何cmですか。

(式)

答え

1

$$\textcircled{1} \quad \frac{6}{7} \times \frac{5}{8} = \frac{15}{28}$$

$$\textcircled{2} \quad \frac{12}{35} \times \frac{21}{16} = \frac{9}{20}$$

$$\textcircled{3} \quad \frac{11}{6} \times \frac{12}{5} = \frac{22}{5}$$

$$\textcircled{4} \quad \frac{13}{4} \times \frac{6}{13} = \frac{3}{2}$$

$$\textcircled{5} \quad \frac{7}{10} \div \frac{1}{6} = \frac{7}{10} \times \frac{6}{1} = \frac{21}{5}$$

$$\textcircled{6} \quad \frac{9}{13} \div \frac{6}{17} = \frac{9}{13} \times \frac{17}{6} = \frac{51}{26}$$

$$\textcircled{7} \quad \frac{10}{11} \div \frac{15}{11} = \frac{10}{11} \times \frac{11}{15} = \frac{2}{3}$$

$$\textcircled{8} \quad \frac{21}{8} \div \frac{5}{9} = \frac{21}{8} \times \frac{9}{5} = \frac{189}{40}$$

$$\textcircled{9} \quad \frac{5}{8} \div \frac{3}{7} \times \frac{21}{20} = \frac{5}{8} \times \frac{7}{3} \times \frac{21}{20} = \frac{49}{32}$$

$$\textcircled{10} \quad \frac{17}{18} \div \frac{34}{27} \div \frac{15}{16} = \frac{17}{18} \times \frac{27}{34} \times \frac{16}{15} = \frac{4}{5}$$

2

$$350 \times \frac{12}{5} = 840 \quad 840 \text{ 円}$$

3

$$14 \frac{17}{20} \times 2 \div 6 \frac{3}{4} = \frac{297}{20} \times 2 \div \frac{27}{4}$$

$$= \frac{297}{10} \times \frac{4}{27} = \frac{22}{5}$$

$$\frac{22}{5} \text{ cm}$$

$$\left(4 \frac{2}{5} \text{ cm} \right)$$