

分数のかけ算わり算まとめ 基本

目標時間

10分

NO.5

名前

/12 点

1 次の計算をなさい

① $\frac{8}{9} \times \frac{15}{16}$

② $\frac{21}{32} \times \frac{24}{35}$

③ $1\frac{2}{11} \times 2\frac{1}{13}$

④ $3\frac{3}{4} \times 1\frac{7}{25}$

⑤ $\frac{9}{14} \div \frac{3}{7}$

⑥ $\frac{13}{20} \div \frac{7}{15}$

⑦ $1\frac{5}{12} \div 2\frac{5}{6}$

⑧ $4\frac{1}{6} \div 1\frac{2}{3}$

⑨ $\frac{5}{8} \times \frac{6}{7} \div \frac{15}{28}$

⑩ $\frac{9}{16} \div \frac{21}{20} \times \frac{7}{15}$

2 1m^2 あたり $2\frac{1}{4}\text{L}$ の水が必要な花だんに、 $5\frac{1}{3}\text{m}^2$ ぶんの

水をまきます。水は何L必要ですか。

(式)

3 $10\frac{1}{2}\text{kg}$ の米を $\frac{3}{4}\text{kg}$ ずつ袋に分けます。何袋できますか。

(式)

答え

1

$$\textcircled{1} \quad \frac{8}{9} \times \frac{15}{16} = \frac{5}{6}$$

$$\textcircled{2} \quad \frac{21}{32} \times \frac{24}{35} = \frac{9}{20}$$

$$\textcircled{3} \quad \frac{13}{11} \times \frac{27}{13} = \frac{27}{11}$$

$$\textcircled{4} \quad \frac{15}{4} \times \frac{32}{25} = \frac{24}{5}$$

$$\textcircled{5} \quad \frac{9}{14} \div \frac{3}{7} = \frac{9}{14} \times \frac{7}{3} = \frac{3}{2}$$

$$\textcircled{6} \quad \frac{13}{20} \div \frac{7}{15} = \frac{13}{20} \times \frac{15}{7} = \frac{39}{28}$$

$$\textcircled{7} \quad \frac{17}{12} \div \frac{17}{6} = \frac{17}{12} \times \frac{6}{17} = \frac{1}{2}$$

$$\textcircled{8} \quad \frac{25}{6} \div \frac{5}{3} = \frac{25}{6} \times \frac{3}{5} = \frac{5}{2}$$

$$\textcircled{9} \quad \frac{5}{8} \times \frac{6}{7} \div \frac{15}{28} = \frac{5}{8} \times \frac{6}{7} \times \frac{28}{15} = \frac{1}{1}$$

$$\textcircled{10} \quad \frac{9}{16} \div \frac{21}{20} \times \frac{7}{15} = \frac{9}{16} \times \frac{20}{21} \times \frac{7}{15} = \frac{1}{4}$$

2

$$2 \frac{1}{4} \times 5 \frac{1}{3} = \frac{9}{4} \times \frac{16}{3} = 12$$

答え 12 L

3

$$10 \frac{1}{2} \div \frac{3}{4} = \frac{21}{2} \times \frac{4}{3} = 14$$

答え 14 袋