

帯分数の計算

目標時間 10分

NO. 3

名前

/6 点

★次の計算をしましょう。(仮分数に直して計算します。)

① $1\frac{1}{5} \times \frac{3}{4}$

② $\frac{1}{11} \times 3\frac{2}{3}$

③ $1\frac{3}{4} \times 2\frac{2}{3}$

④ $2\frac{2}{5} \div 3\frac{3}{4}$

⑤ $\frac{2}{7} \div 3\frac{1}{5}$

⑥ $2\frac{3}{4} \div 8\frac{1}{2}$

答え

$$\textcircled{1} \quad 1\frac{1}{5} \times \frac{3}{4} = \frac{6}{5} \times \frac{3}{4} = \frac{9}{10}$$

$$\textcircled{2} \quad \frac{1}{11} \times 3\frac{2}{3} = \frac{1}{11} \times \frac{11}{3} = \frac{1}{3}$$

$$\textcircled{3} \quad 1\frac{3}{4} \times 2\frac{2}{3} = \frac{7}{4} \times \frac{8}{3} = \frac{14}{3}$$

$$\textcircled{4} \quad 2\frac{2}{5} \div 3\frac{3}{4} = \frac{12}{5} \div \frac{15}{4} = \frac{12}{5} \times \frac{4}{15} = \frac{16}{25}$$

$$\textcircled{5} \quad \frac{2}{7} \div 3\frac{1}{5} = \frac{2}{7} \div \frac{16}{5} = \frac{2}{7} \times \frac{5}{16} = \frac{5}{56}$$

$$\textcircled{6} \quad 2\frac{3}{4} \div 8\frac{1}{2} = \frac{11}{4} \div \frac{17}{2} = \frac{11}{4} \times \frac{2}{17} = \frac{11}{34}$$