

名前	解説	小 6	分数のかけ・わり算NO1			%	mistake	/
	NO11B		計算の工夫-B①			正		

問題1 次の計算を工夫してしなさい。

$$\begin{aligned} \textcircled{1} \frac{4}{5} \times 3 + \frac{4}{5} \times 7 &= (3+7) \times \frac{4}{5} \\ &= 10 \times \frac{4}{5} = 8 \end{aligned}$$

$$\begin{aligned} \textcircled{2} 8 \times \frac{2}{3} - 2 \times \frac{2}{3} &= (8-2) \times \frac{2}{3} \\ &= 6 \times \frac{2}{3} = 4 \end{aligned}$$

$$\begin{aligned} \textcircled{3} 9 \times \frac{5}{7} + 5 \times \frac{5}{7} &= (9+5) \times \frac{5}{7} \\ &= 14 \times \frac{5}{7} = 10 \end{aligned}$$

$$\begin{aligned} \textcircled{4} \frac{2}{9} \times 23 - \frac{2}{9} \times 5 &= (23-5) \times \frac{2}{9} \\ &= 18 \times \frac{2}{9} = 4 \end{aligned}$$

$$\begin{aligned} \textcircled{5} \frac{7}{4} \times 9 + \frac{7}{4} \times 3 &= (9+3) \times \frac{7}{4} \\ &= 12 \times \frac{7}{4} = 21 \end{aligned}$$

$$\begin{aligned} \textcircled{6} 35 \times \frac{5}{6} - 5 \times \frac{5}{6} &= (35-5) \times \frac{5}{6} \\ &= 30 \times \frac{5}{6} = 25 \end{aligned}$$

$$\begin{aligned} \textcircled{7} 13 \times \frac{7}{8} + 11 \times \frac{7}{8} &= (13+11) \times \frac{7}{8} \\ &= 24 \times \frac{7}{8} = 21 \end{aligned}$$

$$\begin{aligned} \textcircled{8} 27 \times \frac{3}{11} - 5 \times \frac{3}{11} &= (27-5) \times \frac{3}{11} \\ &= 22 \times \frac{3}{11} = 6 \end{aligned}$$

問題2 次の逆数を求めよ。また、約分できるときは約分せよ。

$$\textcircled{1} \frac{2}{3} \Rightarrow \frac{3}{2}$$

$$\textcircled{2} \frac{15}{7} \Rightarrow \frac{7}{15}$$

$$\textcircled{3} 4 \Rightarrow \frac{1}{4}$$

$$\textcircled{4} 0.6 \Rightarrow \frac{5}{3}$$

$$\textcircled{5} 0.03 \Rightarrow \frac{100}{3}$$

$$\textcircled{6} \frac{1}{8} \Rightarrow 8$$

$$\textcircled{7} \frac{9}{11} \Rightarrow \frac{11}{9}$$

$$\textcircled{8} 33 \Rightarrow \frac{1}{33}$$

$$\textcircled{9} 0.1 \Rightarrow \frac{10}{100} = \frac{1}{10}$$

$$\textcircled{10} 0.25 \Rightarrow \frac{1}{4}$$

$$\textcircled{11} \frac{10}{13} \Rightarrow \frac{13}{10}$$

$$\textcircled{12} 7 \Rightarrow \frac{1}{7}$$

$$\textcircled{13} 0.9 \Rightarrow \frac{9}{10}$$

$$\textcircled{14} 0.08 \Rightarrow \frac{8}{100} = \frac{2}{25}$$

$$\textcircled{15} 21 \Rightarrow \frac{1}{21}$$

$$\textcircled{16} 0.75 \Rightarrow \frac{75}{100} = \frac{3}{4}$$