

1 次の式の項をまとめて計算しなさい。

$$\textcircled{1} \quad \frac{1}{5}x + \frac{2}{5}x$$

$$\textcircled{2} \quad \frac{1}{4}x - \frac{1}{7}x$$

$$\textcircled{3} \quad \frac{2}{3}x - \frac{4}{5} - \frac{1}{3}x + \frac{2}{5}$$

$$\textcircled{4} \quad -\frac{3}{4} + \frac{1}{8}x + \frac{4}{7}x - \frac{2}{5}$$

$$\textcircled{5} \quad -\frac{1}{2} + \frac{8}{9}x - \frac{2}{7}x + \frac{1}{6}$$

$$\textcircled{6} \quad \frac{3}{5} + \frac{3}{4}x - \frac{5}{8}x + \frac{1}{2}$$

1 次の式の項をまとめて計算しなさい。

$$\begin{aligned} \textcircled{1} \quad & \frac{1}{5}x + \frac{2}{5}x \\ & = \frac{3}{5}x \end{aligned}$$

$$\begin{aligned} \textcircled{2} \quad & \frac{1}{4}x - \frac{1}{7}x \\ & = \frac{7}{28}x - \frac{4}{28}x \\ & = \frac{3}{28}x \end{aligned}$$

$$\begin{aligned} \textcircled{3} \quad & \frac{2}{3}x - \frac{4}{5} - \frac{1}{3}x + \frac{2}{5} \\ & = \frac{2}{3}x - \frac{1}{3}x - \frac{4}{5} + \frac{2}{5} \\ & = \frac{1}{3}x - \frac{2}{5} \end{aligned}$$

$$\begin{aligned} \textcircled{4} \quad & -\frac{3}{4} + \frac{1}{8}x + \frac{4}{7}x - \frac{2}{5} \\ & = \frac{1}{8}x + \frac{4}{7}x - \frac{3}{4} - \frac{2}{5} \\ & = \frac{7}{56}x + \frac{32}{56}x - \frac{15}{20} - \frac{8}{20} \\ & = \frac{39}{56}x - \frac{23}{20} \end{aligned}$$

$$\begin{aligned} \textcircled{5} \quad & -\frac{1}{2} + \frac{8}{9}x - \frac{2}{7}x + \frac{1}{6} \\ & = \frac{8}{9}x - \frac{2}{7}x - \frac{1}{2} + \frac{1}{6} \\ & = \frac{56}{63}x - \frac{18}{63}x - \frac{3}{6} + \frac{1}{6} \\ & = \frac{38}{63}x - \frac{2}{6} \\ & = \frac{38}{63}x - \frac{1}{3} \end{aligned}$$

$$\begin{aligned} \textcircled{6} \quad & \frac{3}{5} + \frac{3}{4}x - \frac{5}{8}x + \frac{1}{2} \\ & = \frac{3}{4}x - \frac{5}{8}x + \frac{3}{5} + \frac{1}{2} \\ & = \frac{6}{8}x - \frac{5}{8}x + \frac{6}{10} + \frac{5}{10} \\ & = \frac{1}{8}x + \frac{11}{10} \end{aligned}$$