

1 次の式の項をまとめて計算しなさい。

$$\textcircled{1} \quad \frac{2}{9}x + \frac{4}{9}x$$

$$\textcircled{2} \quad \frac{1}{2}x - \frac{3}{7}x$$

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

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

$$\textcircled{5} \quad -\frac{2}{9} + \frac{1}{5}x - \frac{2}{3}x + \frac{1}{6}$$

$$\textcircled{6} \quad \frac{3}{4} + \frac{1}{2}x - \frac{5}{6}x + \frac{3}{7}$$

1 次の式の項をまとめて計算しなさい。

$$\begin{aligned} \textcircled{1} \quad & \frac{2}{9}x + \frac{4}{9}x \\ &= \frac{6}{9}x \\ &= \frac{2}{3}x \end{aligned}$$

$$\begin{aligned} \textcircled{2} \quad & \frac{1}{2}x - \frac{3}{7}x \\ &= \frac{7}{14}x - \frac{6}{14}x \\ &= \frac{1}{14}x \end{aligned}$$

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

$$\begin{aligned} \textcircled{4} \quad & -\frac{2}{5} + \frac{5}{6}x + \frac{3}{4}x - \frac{2}{3} \\ &= \frac{5}{6}x + \frac{3}{4}x - \frac{2}{5} - \frac{2}{3} \\ &= \frac{10}{12}x + \frac{9}{12}x - \frac{6}{15} - \frac{10}{15} \\ &= \frac{19}{12}x - \frac{16}{15} \end{aligned}$$

$$\begin{aligned} \textcircled{5} \quad & -\frac{2}{9} + \frac{1}{5}x - \frac{2}{3}x + \frac{1}{6} \\ &= \frac{1}{5}x - \frac{2}{3}x - \frac{2}{9} + \frac{1}{6} \\ &= \frac{3}{15}x - \frac{10}{15}x - \frac{4}{18} + \frac{3}{18} \\ &= -\frac{7}{15}x - \frac{1}{18} \end{aligned}$$

$$\begin{aligned} \textcircled{6} \quad & \frac{3}{4} + \frac{1}{2}x - \frac{5}{6}x + \frac{3}{7} \\ &= \frac{1}{2}x - \frac{5}{6}x + \frac{3}{4} + \frac{3}{7} \\ &= \frac{3}{6}x - \frac{5}{6}x + \frac{21}{28} + \frac{12}{28} \\ &= -\frac{2}{6}x + \frac{33}{28} \\ &= -\frac{1}{3}x + \frac{33}{28} \end{aligned}$$