

1 次の式の項をまとめて計算しなさい。

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

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

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

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

$$\textcircled{5} \quad -\frac{2}{5} + \frac{1}{6}x - \frac{2}{7}x + \frac{4}{9}$$

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

1 次の式の項をまとめて計算しなさい。

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

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

$$\begin{aligned} \textcircled{3} \quad & \frac{1}{7}x - \frac{1}{5} - \frac{2}{7}x + \frac{2}{5} \\ &= \frac{1}{7}x - \frac{2}{7}x - \frac{1}{5} + \frac{2}{5} \\ &= -\frac{1}{7}x + \frac{1}{5} \end{aligned}$$

$$\begin{aligned} \textcircled{4} \quad & -\frac{2}{3} + \frac{3}{8}x + \frac{1}{4}x - \frac{1}{2} \\ &= \frac{3}{8}x + \frac{1}{4}x - \frac{2}{3} - \frac{1}{2} \\ &= \frac{3}{8}x + \frac{2}{8}x - \frac{4}{6} - \frac{3}{6} \\ &= \frac{5}{8}x - \frac{7}{6} \end{aligned}$$

$$\begin{aligned} \textcircled{5} \quad & -\frac{2}{5} + \frac{1}{6}x - \frac{2}{7}x + \frac{4}{9} \\ &= \frac{1}{6}x - \frac{2}{7}x - \frac{2}{5} + \frac{4}{9} \\ &= \frac{7}{42}x - \frac{12}{42}x - \frac{18}{45} + \frac{20}{45} \\ &= -\frac{5}{42}x + \frac{2}{45} \end{aligned}$$

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