

1 次の式の項をまとめて計算しなさい。

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

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

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

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

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

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

1 次の式の項をまとめて計算しなさい。

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

$$\begin{aligned} \textcircled{2} \quad & \frac{2}{5}x - \frac{1}{2}x \\ &= \frac{4}{10}x - \frac{5}{10}x \\ &= -\frac{1}{10}x \end{aligned}$$

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

$$\begin{aligned} \textcircled{4} \quad & -\frac{2}{3} + \frac{2}{5}x + \frac{6}{7}x - \frac{1}{4} \\ &= \frac{2}{5}x + \frac{6}{7}x - \frac{2}{3} - \frac{1}{4} \\ &= \frac{14}{35}x + \frac{30}{35}x - \frac{8}{12} - \frac{3}{12} \\ &= \frac{44}{35}x - \frac{11}{12} \end{aligned}$$

$$\begin{aligned} \textcircled{5} \quad & -\frac{3}{8} + \frac{5}{6}x - \frac{3}{4}x + \frac{2}{3} \\ &= \frac{5}{6}x - \frac{3}{4}x - \frac{3}{8} + \frac{2}{3} \\ &= \frac{10}{12}x - \frac{9}{12}x - \frac{9}{24} + \frac{16}{24} \\ &= \frac{1}{12}x + \frac{7}{24} \end{aligned}$$

$$\begin{aligned} \textcircled{6} \quad & \frac{1}{6} + \frac{5}{7}x - \frac{7}{9}x + \frac{1}{8} \\ &= \frac{5}{7}x - \frac{7}{9}x + \frac{1}{6} + \frac{1}{8} \\ &= \frac{45}{63}x - \frac{49}{63}x + \frac{4}{24} + \frac{3}{24} \\ &= -\frac{4}{63}x + \frac{7}{24} \end{aligned}$$