

1 次の式の項をまとめて計算しなさい。

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

$$\textcircled{2} \quad \frac{1}{2}x - \frac{1}{6}x$$

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

$$\textcircled{4} \quad -\frac{7}{8} + \frac{1}{6}x + \frac{3}{4}x - \frac{3}{5}$$

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

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

1 次の式の項をまとめて計算しなさい。

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

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

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

$$\begin{aligned} \textcircled{4} \quad & -\frac{7}{8} + \frac{1}{6}x + \frac{3}{4}x - \frac{3}{5} \\ &= \frac{1}{6}x + \frac{3}{4}x - \frac{7}{8} - \frac{3}{5} \\ &= \frac{2}{12}x + \frac{9}{12}x - \frac{35}{40} - \frac{24}{40} \\ &= \frac{11}{12}x - \frac{59}{40} \end{aligned}$$

$$\begin{aligned} \textcircled{5} \quad & -\frac{2}{9} + \frac{6}{7}x - \frac{1}{2}x + \frac{4}{5} \\ &= \frac{6}{7}x - \frac{1}{2}x - \frac{2}{9} + \frac{4}{5} \\ &= \frac{12}{14}x - \frac{7}{14}x - \frac{10}{45} + \frac{36}{45} \\ &= \frac{5}{14}x + \frac{26}{45} \end{aligned}$$

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