

第32回 1次式 演習編2

解答

次の計算をせよ。(同類項をまとめよ)

$$\begin{aligned} \textcircled{1} \quad & -6m - 6m \\ & = (-6 - 6) \times m = -12m \end{aligned}$$

$$\begin{aligned} \textcircled{2} \quad & x - x \\ & = (1 - 1) \times x = 0 \end{aligned}$$

$$\begin{aligned} \textcircled{3} \quad & 3m - 7m - 2m \\ & = (3 - 7 - 2) \times m = -6m \end{aligned}$$

$$\begin{aligned} \textcircled{4} \quad & -\frac{3}{5}x + x - \frac{x}{10} \\ & = \left(-\frac{3}{5} + 1 - \frac{1}{10}\right) \times x = \left(-\frac{6}{10} + \frac{10}{10} - \frac{1}{10}\right) \times x = \frac{3}{10}x \end{aligned}$$

$$\begin{aligned} \textcircled{5} \quad & x - \frac{x}{4} + \frac{2}{3}x \\ & = \left(1 - \frac{1}{4} + \frac{2}{3}\right) \times x = \left(\frac{12}{12} - \frac{3}{12} + \frac{8}{12}\right) \times x = \frac{17}{12}x \end{aligned}$$

$$\begin{aligned} \textcircled{6} \quad & -\frac{m}{8} - \frac{7}{2}m \\ & = \left(-\frac{1}{8} - \frac{7}{2}\right) \times m = \left(-\frac{1}{8} - \frac{28}{8}\right) \times m = -\frac{29}{8}m \end{aligned}$$