

第 52 回 移項を用いた方程式の解き方 演習編 2

解答

$$\begin{aligned}\textcircled{1} \quad & 4 - 2x = 7x - 5 \\ & -2x - 7x = -5 - 4 \\ & -9x = -9 \\ & x = 1\end{aligned}$$

$$\begin{aligned}\textcircled{2} \quad & -4 + 3x = 2 + 9x - 6 \\ & 3x - 9x = 2 - 6 + 4 \\ & -6x = 0 \\ & x = 0\end{aligned}$$

$$\begin{aligned}\textcircled{3} \quad & 4x + 10 = 9x - 15 - 10x \\ & 4x - 9x + 10x = -15 - 10 \\ & 5x = -25 \\ & x = -5\end{aligned}$$

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