

1 次の方程式を解きなさい。

① $-9x - 10 = -28$

② $-3x + 4 = 1$

③ $3x - 11 = 1$

④ $4 - x = 1$

⑤ $-2 - 4x = -6$

⑥ $-9 - 3x = -21$

⑦ $-3x + 5 = -4x + 3$

⑧ $-4x - 1 = -12x - 9$

⑨ $-11 - 2x = -11x + 7$

⑩ $-4x - 7 = -2 - 5x$

⑪ $-10 - 3x = 6 - 11x$

⑫ $-2x - 11 = -7x - 6$

1 次の方程式を解きなさい。

$$\begin{aligned} \textcircled{1} \quad -9x - 10 &= -28 \\ -9x &= -28 + 10 \\ -9x &= -18 \\ x &= 2 \end{aligned}$$

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

$$\begin{aligned} \textcircled{3} \quad 3x - 11 &= 1 \\ 3x &= 1 + 11 \\ 3x &= 12 \\ x &= 4 \end{aligned}$$

$$\begin{aligned} \textcircled{4} \quad 4 - x &= 1 \\ -x &= 1 - 4 \\ -x &= -3 \\ x &= 3 \end{aligned}$$

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

$$\begin{aligned} \textcircled{6} \quad -9 - 3x &= -21 \\ -3x &= -21 + 9 \\ -3x &= -12 \\ x &= 4 \end{aligned}$$

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

$$\begin{aligned} \textcircled{8} \quad -4x - 1 &= -12x - 9 \\ -4x + 12x &= -9 + 1 \\ 8x &= -8 \\ x &= -1 \end{aligned}$$

$$\begin{aligned} \textcircled{9} \quad -11 - 2x &= -11x + 7 \\ -2x + 11x &= 7 + 11 \\ 9x &= 18 \\ x &= 2 \end{aligned}$$

$$\begin{aligned} \textcircled{10} \quad -4x - 7 &= -2 - 5x \\ -4x + 5x &= -2 + 7 \\ x &= 5 \end{aligned}$$

$$\begin{aligned} \textcircled{11} \quad -10 - 3x &= 6 - 11x \\ -3x + 11x &= 6 + 10 \\ 8x &= 16 \\ x &= 2 \end{aligned}$$

$$\begin{aligned} \textcircled{12} \quad -2x - 11 &= -7x - 6 \\ -2x + 7x &= -6 + 11 \\ 5x &= 5 \\ x &= 1 \end{aligned}$$