

両辺に x をふくむ項がある一次方程式

次の方程式を解きましょう。

$$\textcircled{1} \quad 4x - 2 = 13x - 11$$

$$\textcircled{2} \quad 3x - 2 = -4x - 9$$

$$\textcircled{3} \quad 2x - 2 = -7x - 11$$

$$\textcircled{4} \quad -5x - 2 = -9x + 14$$

$$\textcircled{5} \quad -5x - 5 = 3x - 13$$

$$\textcircled{6} \quad 2x + 5 = 11x - 31$$

$$\textcircled{7} \quad 4x - 10 = -2x + 14$$

$$\textcircled{8} \quad -4x - 6 = -6x + 4$$

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次の方程式を解きましょう。

$$\begin{aligned}\textcircled{1} \quad 4x - 2 &= 13x - 11 \\ 4x - 13x &= -11 + 2 \\ -9x &= -9 \\ x &= 1\end{aligned}$$

$$\begin{aligned}\textcircled{2} \quad 3x - 2 &= -4x - 9 \\ 3x + 4x &= -9 + 2 \\ 7x &= -7 \\ x &= -1\end{aligned}$$

$$\begin{aligned}\textcircled{3} \quad 2x - 2 &= -7x - 11 \\ 2x + 7x &= -11 + 2 \\ 9x &= -9 \\ x &= -1\end{aligned}$$

$$\begin{aligned}\textcircled{4} \quad -5x - 2 &= -9x + 14 \\ -5x + 9x &= 14 + 2 \\ 4x &= 16 \\ x &= 4\end{aligned}$$

$$\begin{aligned}\textcircled{5} \quad -5x - 5 &= 3x - 13 \\ -5x - 3x &= -13 + 5 \\ -8x &= -8 \\ x &= 1\end{aligned}$$

$$\begin{aligned}\textcircled{6} \quad 2x + 5 &= 11x - 31 \\ 2x - 11x &= -31 - 5 \\ -9x &= -36 \\ x &= 4\end{aligned}$$

$$\begin{aligned}\textcircled{7} \quad 4x - 10 &= -2x + 14 \\ 4x + 2x &= 14 + 10 \\ 6x &= 24 \\ x &= 4\end{aligned}$$

$$\begin{aligned}\textcircled{8} \quad -4x - 6 &= -6x + 4 \\ -4x + 6x &= 4 + 6 \\ 2x &= 10 \\ x &= 5\end{aligned}$$