

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。

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

$$\textcircled{2} \quad -5x - 2 = -11x + 22$$

$$\textcircled{3} \quad 2x - 2 = 9x - 37$$

$$\textcircled{4} \quad 4x + 5 = -3x + 40$$

$$\textcircled{5} \quad 2x - 2 = 11x - 29$$

$$\textcircled{6} \quad 5x - 5 = 12x - 12$$

$$\textcircled{7} \quad -2x - 2 = -9x + 19$$

$$\textcircled{8} \quad 2x + 5 = 9x - 2$$

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次の方程式を解きましょう。

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

$$\begin{aligned}\textcircled{2} \quad & -5x - 2 = -11x + 22 \\ & -5x + 11x = 22 + 2 \\ & 6x = 24 \\ & x = 4\end{aligned}$$

$$\begin{aligned}\textcircled{3} \quad & 2x - 2 = 9x - 37 \\ & 2x - 9x = -37 + 2 \\ & -7x = -35 \\ & x = 5\end{aligned}$$

$$\begin{aligned}\textcircled{4} \quad & 4x + 5 = -3x + 40 \\ & 4x + 3x = 40 - 5 \\ & 7x = 35 \\ & x = 5\end{aligned}$$

$$\begin{aligned}\textcircled{5} \quad & 2x - 2 = 11x - 29 \\ & 2x - 11x = -29 + 2 \\ & -9x = -27 \\ & x = 3\end{aligned}$$

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

$$\begin{aligned}\textcircled{7} \quad & -2x - 2 = -9x + 19 \\ & -2x + 9x = 19 + 2 \\ & 7x = 21 \\ & x = 3\end{aligned}$$

$$\begin{aligned}\textcircled{8} \quad & 2x + 5 = 9x - 2 \\ & 2x - 9x = -2 - 5 \\ & -7x = -7 \\ & x = 1\end{aligned}$$