

1次方程式

名前

次の方程式を解きなさい。

(1) $-15 = -4x - 3$

(9) $28 = 3x + 10$

(2) $-59 = -10x - 9$

(10) $6x - 9 = 15$

(3) $13 = 2x + 9$

(11) $-12 = -2x - 4$

(4) $17 = 2x - 3$

(12) $-18 = -2x - 8$

(5) $8 = 9x - 1$

(13) $35 = 3x + 5$

(6) $-1 = -8x + 7$

(14) $49 = 6x + 1$

(7) $3x - 9 = 9$

(15) $-10x - 3 = -93$

(8) $-34 = -8x - 2$

(16) $5x - 6 = -1$

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$$\begin{aligned}(1) \quad & -15 = -4x - 3 \\ & 4x = -3 + 15 \\ & 4x = 12 \\ & x = 3\end{aligned}$$

$$\begin{aligned}(2) \quad & -59 = -10x - 9 \\ & 10x = -9 + 59 \\ & 10x = 50 \\ & x = 5\end{aligned}$$

$$\begin{aligned}(3) \quad & 13 = 2x + 9 \\ & -2x = 9 - 13 \\ & -2x = -4 \\ & x = 2\end{aligned}$$

$$\begin{aligned}(4) \quad & 17 = 2x - 3 \\ & -2x = -3 - 17 \\ & -2x = -20 \\ & x = 10\end{aligned}$$

$$\begin{aligned}(5) \quad & 8 = 9x - 1 \\ & -9x = -1 - 8 \\ & -9x = -9 \\ & x = 1\end{aligned}$$

$$\begin{aligned}(6) \quad & -1 = -8x + 7 \\ & 8x = 7 + 1 \\ & 8x = 8 \\ & x = 1\end{aligned}$$

$$\begin{aligned}(7) \quad & 3x - 9 = 9 \\ & 3x = 9 + 9 \\ & 3x = 18 \\ & x = 6\end{aligned}$$

$$\begin{aligned}(8) \quad & -34 = -8x - 2 \\ & 8x = -2 + 34 \\ & 8x = 32 \\ & x = 4\end{aligned}$$

$$\begin{aligned}(9) \quad & 28 = 3x + 10 \\ & -3x = 10 - 28 \\ & -3x = -18 \\ & x = 6\end{aligned}$$

$$\begin{aligned}(10) \quad & 6x - 9 = 15 \\ & 6x = 15 + 9 \\ & 6x = 24 \\ & x = 4\end{aligned}$$

$$\begin{aligned}(11) \quad & -12 = -2x - 4 \\ & 2x = -4 + 12 \\ & 2x = 8 \\ & x = 4\end{aligned}$$

$$\begin{aligned}(12) \quad & -18 = -2x - 8 \\ & 2x = -8 + 18 \\ & 2x = 10 \\ & x = 5\end{aligned}$$

$$\begin{aligned}(13) \quad & 35 = 3x + 5 \\ & -3x = 5 - 35 \\ & -3x = -30 \\ & x = 10\end{aligned}$$

$$\begin{aligned}(14) \quad & 49 = 6x + 1 \\ & -6x = 1 - 49 \\ & -6x = -48 \\ & x = 8\end{aligned}$$

$$\begin{aligned}(15) \quad & -10x - 3 = -93 \\ & -10x = -93 + 3 \\ & -10x = -90 \\ & x = 9\end{aligned}$$

$$\begin{aligned}(16) \quad & 5x - 6 = -1 \\ & 5x = -1 + 6 \\ & 5x = 5 \\ & x = 1\end{aligned}$$

$$(1) \quad x = 1$$