

1次方程式

名前

次の方程式を解きなさい。

(1) $x + 33 = 7x - 3$

(9) $3x + 38 = 7x + 6$

(2) $8x + 8 = 2x + 14$

(10) $6x - 3 = 3x + 12$

(3) $6x - 4 = x + 26$

(11) $4x + 11 = 9x - 4$

(4) $4x + 12 = 8x - 4$

(12) $x + 18 = 2x + 9$

(5) $3x + 11 = 5x + 7$

(13) $3x + 53 = 9x - 1$

(6) $9x + 6 = 2x + 55$

(14) $x + 42 = 9x + 2$

(7) $6x - 10 = 3x + 8$

(15) $7x - 2 = 8x - 5$

(8) $x + 9 = 3x + 3$

(16) $5x - 4 = 7x - 10$

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$$\begin{aligned}(1) \quad x + 33 &= 7x - 3 \\ x - 7x &= -3 - 33 \\ -6x &= -36 \\ x &= 6\end{aligned}$$

$$\begin{aligned}(2) \quad 8x + 8 &= 2x + 14 \\ 8x - 2x &= 14 - 8 \\ 6x &= 6 \\ x &= 1\end{aligned}$$

$$\begin{aligned}(3) \quad 6x - 4 &= x + 26 \\ 6x - x &= 26 + 4 \\ 5x &= 30 \\ x &= 6\end{aligned}$$

$$\begin{aligned}(4) \quad 4x + 12 &= 8x - 4 \\ 4x - 8x &= -4 - 12 \\ -4x &= -16 \\ x &= 4\end{aligned}$$

$$\begin{aligned}(5) \quad 3x + 11 &= 5x + 7 \\ 3x - 5x &= 7 - 11 \\ -2x &= -4 \\ x &= 2\end{aligned}$$

$$\begin{aligned}(6) \quad 9x + 6 &= 2x + 55 \\ 9x - 2x &= 55 - 6 \\ 7x &= 49 \\ x &= 7\end{aligned}$$

$$\begin{aligned}(7) \quad 6x - 10 &= 3x + 8 \\ 6x - 3x &= 8 + 10 \\ 3x &= 18 \\ x &= 6\end{aligned}$$

$$\begin{aligned}(8) \quad x + 9 &= 3x + 3 \\ x - 3x &= 3 - 9 \\ -2x &= -6 \\ x &= 3\end{aligned}$$

$$\begin{aligned}(9) \quad 3x + 38 &= 7x + 6 \\ 3x - 7x &= 6 - 38 \\ -4x &= -32 \\ x &= 8\end{aligned}$$

$$\begin{aligned}(10) \quad 6x - 3 &= 3x + 12 \\ 6x - 3x &= 12 + 3 \\ 3x &= 15 \\ x &= 5\end{aligned}$$

$$\begin{aligned}(11) \quad 4x + 11 &= 9x - 4 \\ 4x - 9x &= -4 - 11 \\ -5x &= -15 \\ x &= 3\end{aligned}$$

$$\begin{aligned}(12) \quad x + 18 &= 2x + 9 \\ x - 2x &= 9 - 18 \\ -x &= -9 \\ x &= 9\end{aligned}$$

$$\begin{aligned}(13) \quad 3x + 53 &= 9x - 1 \\ 3x - 9x &= -1 - 53 \\ -6x &= -54 \\ x &= 9\end{aligned}$$

$$\begin{aligned}(14) \quad x + 42 &= 9x + 2 \\ x - 9x &= 2 - 42 \\ -8x &= -40 \\ x &= 5\end{aligned}$$

$$\begin{aligned}(15) \quad 7x - 2 &= 8x - 5 \\ 7x - 8x &= -5 + 2 \\ -x &= -3 \\ x &= 3\end{aligned}$$

$$\begin{aligned}(16) \quad 5x - 4 &= 7x - 10 \\ 5x - 7x &= -10 + 4 \\ -2x &= -6 \\ x &= 3\end{aligned}$$

(1)