
一次方程式の解き方2

NO.2

学習日 月 日

名前

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点

■ 次の方程式を解きなさい。

(1) $4x + 3 = 11$

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

(3) $3x - 8 = 10$

(4) $2x + 9 = -5$

(5) $6x - 13 = 35$

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

.

(7) $-3x + 5 = -22$

(8) $-5x - 4 = 16$

(9) $7x + 2 = 79$

(10) $-2x - 7 = 5$

(11) $8x - 9 = 47$

(12) $-6x + 1 = 49$

解答

$$\begin{aligned}
 (1) \quad 4x + 3 &= 11 \\
 4x &= 11 - 3 \\
 4x &= 8 \\
 x &= 2
 \end{aligned}$$

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

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

$$\begin{aligned}
 (4) \quad 2x + 9 &= -5 \\
 2x &= -5 - 9 \\
 2x &= -14 \\
 x &= -7
 \end{aligned}$$

$$\begin{aligned}
 (5) \quad 6x - 13 &= 35 \\
 6x &= 35 + 13 \\
 6x &= 48 \\
 x &= 8
 \end{aligned}$$

$$\begin{aligned}
 (6) \quad -4x + 6 &= 26 \\
 -4x &= 26 - 6 \\
 -4x &= 20 \\
 x &= -5
 \end{aligned}$$

$$\begin{aligned}
 (7) \quad -3x + 5 &= -22 \\
 -3x &= -22 - 5 \\
 -3x &= -27 \\
 x &= 9
 \end{aligned}$$

$$\begin{aligned}
 (8) \quad -5x - 4 &= 16 \\
 -5x &= 16 + 4 \\
 -5x &= 20 \\
 x &= -4
 \end{aligned}$$

$$\begin{aligned}
 (9) \quad 7x + 2 &= 79 \\
 7x &= 79 - 2 \\
 7x &= 77 \\
 x &= 11
 \end{aligned}$$

$$\begin{aligned}
 (10) \quad -2x - 7 &= 5 \\
 -2x &= 5 + 7 \\
 -2x &= 12 \\
 x &= -6
 \end{aligned}$$

$$\begin{aligned}
 (11) \quad 8x - 9 &= 47 \\
 8x &= 47 + 9 \\
 8x &= 56 \\
 x &= 7
 \end{aligned}$$

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