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## 一次方程式の解き方2

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NO.3

学習日 月 日

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■ 次の方程式を解きなさい。

(1)  $2x + 5 = 9$

(2)  $3x - 4 = 7$

(3)  $5x + 2 = 8$

(4)  $4x - 7 = 9$

(5)  $7x + 6 = 27$

(6)  $-3x + 4 = 19$

.

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

(8)  $-6x + 7 = -2$

(9)  $8x - 5 = 14$

(10)  $-4x - 3 = 13$

(11)  $9x + 8 = -19$

(12)  $-5x - 6 = 8$

## 解答

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

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

$$\begin{aligned}
 (3) \quad 5x + 2 &= 8 \\
 5x &= 8 - 2 \\
 5x &= 6 \\
 x &= \frac{6}{5}
 \end{aligned}$$

$$\begin{aligned}
 (4) \quad 4x - 7 &= 9 \\
 4x &= 9 + 7 \\
 4x &= 16 \\
 x &= 4
 \end{aligned}$$

$$\begin{aligned}
 (5) \quad 7x + 6 &= 27 \\
 7x &= 27 - 6 \\
 7x &= 21 \\
 x &= 3
 \end{aligned}$$

$$\begin{aligned}
 (6) \quad -3x + 4 &= 19 \\
 -3x &= 19 - 4 \\
 -3x &= 15 \\
 x &= -5
 \end{aligned}$$

$$\begin{aligned}
 (7) \quad -2x - 5 &= 8 \\
 -2x &= 8 + 5 \\
 -2x &= 13 \\
 x &= -\frac{13}{2}
 \end{aligned}$$

$$\begin{aligned}
 (8) \quad -6x + 7 &= -2 \\
 -6x &= -2 - 7 \\
 -6x &= -9 \\
 x &= \frac{3}{2}
 \end{aligned}$$

$$\begin{aligned}
 (9) \quad 8x - 5 &= 14 \\
 8x &= 14 + 5 \\
 8x &= 19 \\
 x &= \frac{19}{8}
 \end{aligned}$$

$$\begin{aligned}
 (10) \quad -4x - 3 &= 13 \\
 -4x &= 13 + 3 \\
 -4x &= 16 \\
 x &= -4
 \end{aligned}$$

$$\begin{aligned}
 (11) \quad 9x + 8 &= -19 \\
 9x &= -19 - 8 \\
 9x &= -27 \\
 x &= -3
 \end{aligned}$$

$$\begin{aligned}
 (12) \quad -5x - 6 &= 8 \\
 -5x &= 8 + 6 \\
 -5x &= 14 \\
 x &= -\frac{14}{5}
 \end{aligned}$$