
一次方程式の解き方4

NO.1

学習日 月 日

名前

/ 点

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 次の方程式を解きなさい。

(1) $x + 7 = 19$

(2) $x - 6 = -10$

(3) $4x = -12$

(4) $-5x = 20$

(5) $\frac{x}{4} = -3$

(6) $\frac{x}{5} = 2$

2

 次の方程式を解きなさい。

(1) $-3x + 5 = -16$

(2) $6x - 7 = 2$

(3) $7x + 5 = 3x + 21$

(4) $9x - 14 = 5x + 6$

解答

$$\begin{aligned}
 (1) \quad x + 7 &= 19 \\
 x &= 19 - 7 \\
 x &= 12
 \end{aligned}$$

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

$$\begin{aligned}
 (5) \quad \frac{x}{4} &= -3 \\
 x &= -3 \times 4 \\
 x &= -12
 \end{aligned}$$

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

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

$$\begin{aligned}
 (6) \quad \frac{x}{5} &= 2 \\
 x &= 2 \times 5 \\
 x &= 10
 \end{aligned}$$

2

$$\begin{aligned}
 (1) \quad -3x + 5 &= -16 \\
 -3x &= -16 - 5 \\
 -3x &= -21 \\
 x &= 7
 \end{aligned}$$

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

$$\begin{aligned}
 (3) \quad 7x + 5 &= 3x + 21 \\
 7x - 3x &= 21 - 5 \\
 4x &= 16 \\
 x &= 4
 \end{aligned}$$

$$\begin{aligned}
 (4) \quad 9x - 14 &= 5x + 6 \\
 9x - 5x &= 6 + 14 \\
 4x &= 20 \\
 x &= 5
 \end{aligned}$$