

一次方程式の解き方 I

NO.2

学習日 月 日

名前

/ 点

1 次の方程式を解きなさい。

(1) $x + 8 = 13$

(2) $x - 6 = 4$

(3) $x + 5 = -4$

(4) $x - 9 = -3$

(5) $x + 1.2 = 3.7$

(6) $x - 14 = 2$

(7) $x + 7 = -6$

(8) $x - 0.6 = 1.4$

2 次の方程式を解きなさい。

(1) $\frac{x}{2} = 4$

(2) $-\frac{1}{4}x = 3$

(3) $\frac{x}{8} = -2$

(4) $-\frac{1}{5}x = -3$

(5) $6x = 42$

(6) $8x = -48$

(7) $-3x = 27$

(8) $-0.5x = 3$

解答

1

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

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

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

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

$$\begin{aligned}
 (5) \quad x + 1.2 &= 3.7 \\
 x &= 3.7 - 1.2 \\
 x &= 2.5
 \end{aligned}$$

$$\begin{aligned}
 (6) \quad x - 14 &= 2 \\
 x &= 2 + 14 \\
 x &= 16
 \end{aligned}$$

$$\begin{aligned}
 (7) \quad x + 7 &= -6 \\
 x &= -6 - 7 \\
 x &= -13
 \end{aligned}$$

$$\begin{aligned}
 (8) \quad x - 0.6 &= 1.4 \\
 x &= 1.4 + 0.6 \\
 x &= 2
 \end{aligned}$$

2

$$\begin{aligned}
 (1) \quad \frac{x}{2} &= 4 \\
 x &= 4 \times 2 \\
 x &= 8
 \end{aligned}$$

$$\begin{aligned}
 (2) \quad -\frac{1}{4}x &= 3 \\
 x &= 3 \times (-4) \\
 x &= -12
 \end{aligned}$$

$$\begin{aligned}
 (3) \quad \frac{x}{8} &= -2 \\
 x &= (-2) \times 8 \\
 x &= -16
 \end{aligned}$$

$$\begin{aligned}
 (4) \quad -\frac{1}{5}x &= -3 \\
 x &= -3 \times (-5) \\
 x &= 15
 \end{aligned}$$

$$\begin{aligned}
 (5) \quad 6x &= 42 \\
 x &= 42 \div 6 \\
 x &= 7
 \end{aligned}$$

$$\begin{aligned}
 (6) \quad 8x &= -48 \\
 x &= -48 \div 8 \\
 x &= -6
 \end{aligned}$$

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

$$\begin{aligned}
 (8) \quad -0.5x &= 3 \\
 x &= (3) \div (-0.5) \\
 x &= -6
 \end{aligned}$$