
 一次方程式の解き方 I

NO. I

学習日 月 日

名前

/ 点

1

 次の方程式を解きなさい。

(1) $x + 6 = 10$

(2) $x - 4 = 9$

(3) $x - 7 = -2$

(4) $x + 12 = 5$

(5) $x + 3 = -8$

(6) $x - 11 = 4$

(7) $x - 5 = -1$

(8) $x + 9 = 2$

2

 次の方程式を解きなさい。

(1) $\frac{x}{5} = 1$

(2) $-\frac{1}{6}x = 5$

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

(4) $-\frac{1}{3}x = -8$

(5) $9x = 63$

(6) $5x = -60$

(7) $-4x = 52$

(8) $-7x = -56$

解答

1

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

$$\begin{aligned}
 (2) \quad x - 4 &= 9 \\
 x &= 9 + 4 \\
 x &= 13
 \end{aligned}$$

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

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

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

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

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

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

2

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

$$\begin{aligned}
 (2) \quad -\frac{1}{6}x &= 5 \\
 x &= 5 \times (-6) \\
 x &= -30
 \end{aligned}$$

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

$$\begin{aligned}
 (4) \quad -\frac{1}{3}x &= -8 \\
 x &= -8 \times (-3) \\
 x &= 24
 \end{aligned}$$

$$\begin{aligned}
 (5) \quad 9x &= 63 \\
 x &= 63 \div 9 \\
 x &= 7
 \end{aligned}$$

$$\begin{aligned}
 (6) \quad 5x &= -60 \\
 x &= -60 \div 5 \\
 x &= -12
 \end{aligned}$$

$$\begin{aligned}
 (7) \quad -4x &= 52 \\
 x &= 52 \div (-4) \\
 x &= -13
 \end{aligned}$$

$$\begin{aligned}
 (8) \quad -7x &= -56 \\
 x &= (-56) \div (-7) \\
 x &= 8
 \end{aligned}$$