

一次方程式の解き方 I

NO.3

学習日 月 日

名前

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点

1 次の方程式を解きなさい。

(1) $x + 2.4 = 6.1$

(2) $x - 3.5 = 1.2$

(3) $x + 0.75 = -1.25$

(4) $x - 1.8 = -4.2$

(5) $x + 11 = 3$

(6) $x - 2.6 = 5.4$

(7) $x + 4.5 = -2.3$

(8) $x - 12 = -5$

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2 次の方程式を解きなさい。

(1) $\frac{x}{4} = 1.5$

(2) $-\frac{1}{5}x = 1.4$

(3) $\frac{x}{2} = -3.6$

(4) $-\frac{1}{8}x = -0.75$

(5) $0.6x = 4.2$

(6) $1.5x = -9$

(7) $-0.8x = 5.6$

(8) $-1.2x = -7.2$

解答

1

$$\begin{aligned}
 (1) \quad x + 2.4 &= 6.1 \\
 x &= 6.1 - 2.4 \\
 x &= 3.7
 \end{aligned}$$

$$\begin{aligned}
 (2) \quad x - 3.5 &= 1.2 \\
 x &= 1.2 + 3.5 \\
 x &= 4.7
 \end{aligned}$$

$$\begin{aligned}
 (3) \quad x + 0.75 &= -1.25 \\
 x &= -1.25 - 0.75 \\
 x &= -2
 \end{aligned}$$

$$\begin{aligned}
 (4) \quad x - 1.8 &= -4.2 \\
 x &= -4.2 + 1.8 \\
 x &= -2.4
 \end{aligned}$$

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

$$\begin{aligned}
 (6) \quad x - 2.6 &= 5.4 \\
 x &= 5.4 + 2.6 \\
 x &= 8
 \end{aligned}$$

$$\begin{aligned}
 (7) \quad x + 4.5 &= -2.3 \\
 x &= -2.3 - 4.5 \\
 x &= -6.8
 \end{aligned}$$

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

2

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

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

$$\begin{aligned}
 (3) \quad \frac{x}{2} &= -3.6 \\
 x &= (-3.6) \times 2 \\
 x &= -7.2
 \end{aligned}$$

$$\begin{aligned}
 (4) \quad -\frac{1}{8}x &= -0.75 \\
 x &= -0.75 \times (-8) \\
 x &= 6
 \end{aligned}$$

$$\begin{aligned}
 (5) \quad 0.6x &= 4.2 \\
 x &= 4.2 \div 0.6 \\
 x &= 7
 \end{aligned}$$

$$\begin{aligned}
 (6) \quad 1.5x &= -9 \\
 x &= -9 \div 1.5 \\
 x &= -6
 \end{aligned}$$

$$\begin{aligned}
 (7) \quad -0.8x &= 5.6 \\
 x &= 5.6 \div (-0.8) \\
 x &= -7
 \end{aligned}$$

$$\begin{aligned}
 (8) \quad -1.2x &= -7.2 \\
 x &= (-7.2) \div (-1.2) \\
 x &= 6
 \end{aligned}$$