

## 1次方程式の解き方 2

**NO.2**

名前

 / 8 点

次の方程式を解きなさい。

(1)  $5x + 2 = 12$

(2)  $2x - 5 = -17$

(3)  $9x = 39 - 4x$

(4)  $2x = 8x - 18$

(5)  $8x + 6 = 46$

(6)  $3x - 4 = -13$

(7)  $8x = 90 - 7x$

(8)  $x = 4 + 3x$

解答

$$\begin{aligned}
 (1) \quad 5x + 2 &= 12 \\
 5x &= 12 - 2 \\
 5x &= 10 \\
 x &= 2
 \end{aligned}$$

$$\begin{aligned}
 (2) \quad 2x - 5 &= -17 \\
 2x &= -17 + 5 \\
 2x &= -12 \\
 x &= -6
 \end{aligned}$$

$$\begin{aligned}
 (3) \quad 9x &= 39 - 4x \\
 9x + 4x &= 39 \\
 13x &= 39 \\
 x &= 3
 \end{aligned}$$

$$\begin{aligned}
 (4) \quad 2x &= 8x - 18 \\
 2x - 8x &= -18 \\
 -6x &= -18 \\
 x &= 3
 \end{aligned}$$

$$\begin{aligned}
 (5) \quad 8x + 6 &= 46 \\
 8x &= 46 - 6 \\
 8x &= 40 \\
 x &= 5
 \end{aligned}$$

$$\begin{aligned}
 (6) \quad 3x - 4 &= -13 \\
 3x &= -13 + 4 \\
 3x &= -9 \\
 x &= -3
 \end{aligned}$$

$$\begin{aligned}
 (7) \quad 8x &= 90 - 7x \\
 8x + 7x &= 90 \\
 15x &= 90 \\
 x &= 6
 \end{aligned}$$

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