

## 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)  $9x + 3 = 30$

(2)  $3x - 8 = -20$

(3)  $6x = 22 - 5x$

(4)  $2x = 9x - 21$

(5)  $5x + 2 = 32$

(6)  $2x - 6 = -14$

(7)  $7x = 54 - 2x$

(8)  $4x = 48 - 4x$

解答

$$\begin{aligned}(1) \quad 9x + 3 &= 30 \\ 9x &= 30 - 3 \\ 9x &= 27 \\ x &= 3\end{aligned}$$

$$\begin{aligned}(2) \quad 3x - 8 &= -20 \\ 3x &= -20 + 8 \\ 3x &= -12 \\ x &= -4\end{aligned}$$

$$\begin{aligned}(3) \quad 6x &= 22 - 5x \\ 6x + 5x &= 22 \\ 11x &= 22 \\ x &= 2\end{aligned}$$

$$\begin{aligned}(4) \quad 2x &= 9x - 21 \\ 2x - 9x &= 21 \\ -7x &= 21 \\ x &= -3\end{aligned}$$

$$\begin{aligned}(5) \quad 5x + 2 &= 32 \\ 5x &= 32 - 2 \\ 5x &= 30 \\ x &= 6\end{aligned}$$

$$\begin{aligned}(6) \quad 2x - 6 &= -14 \\ 2x &= -14 + 6 \\ 2x &= -8 \\ x &= -4\end{aligned}$$

$$\begin{aligned}(7) \quad 7x &= 54 - 2x \\ 7x + 2x &= 54 \\ 9x &= 54 \\ x &= 6\end{aligned}$$

$$\begin{aligned}(8) \quad 4x &= 48 - 4x \\ 4x + 4x &= 48 \\ 8x &= 48 \\ x &= 6\end{aligned}$$