

【中1数学 | 方程式】

単元別演習

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【1】 次の方程式を解きなさい。

(1) $3x - 15 = 6$

$$\begin{aligned} 3x &= 6 + 15 \\ 3x &= 21 \\ x &= 7 \end{aligned}$$

ポイント
先に定数項を
移項する

(6) $-3x + 8 = -7$

$$\begin{aligned} -3x &= -7 - 8 \\ -3x &= -15 \\ x &= 5 \end{aligned}$$

(2) $2x + 10 = -8$

$$\begin{aligned} 2x &= -8 - 10 \\ 2x &= -18 \\ x &= -9 \end{aligned}$$

(7) $5x + 3 = -12$

$$\begin{aligned} 5x &= -12 - 3 \\ 5x &= -15 \\ x &= -3 \end{aligned}$$

(3) $4x - 12 = 8$

$$\begin{aligned} 4x &= 8 + 12 \\ 4x &= 20 \\ x &= 5 \end{aligned}$$

(8) $6x + 8 = 14$

$$\begin{aligned} 6x &= 14 - 8 \\ 6x &= 6 \\ x &= 1 \end{aligned}$$

(4) $9x - 7 = 11$

$$\begin{aligned} 9x &= 11 + 7 \\ 9x &= 18 \\ x &= 2 \end{aligned}$$

(9) $-7x - 4 = -10$

$$\begin{aligned} -7x &= -10 + 4 \\ -7x &= -6 \\ x &= \frac{6}{7} \end{aligned}$$

(5) $2x + 4 = 10$

$$\begin{aligned} 2x &= 10 - 4 \\ 2x &= 6 \\ x &= 3 \end{aligned}$$

(10) $2x - 7 = 15$

$$\begin{aligned} 2x &= 15 + 7 \\ 2x &= 22 \\ x &= 11 \end{aligned}$$