

(1) $-8x - 18 = 94$

(2) $-2x + 1 = -9$

(3) $-7x - 16 = -72$

(4) $-5x - 16 = 29$

(5) $4x - 17 = 63$

(6) $10x + 12 = 142$

(7) $-4x + 3 = 19$

(8) $-9x - 3 = -30$

(9) $-7x + 11 = 144$

(10) $2x - 10 = -18$

解 答

$$\begin{aligned}(1) \quad -8x - 18 &= 94 \\ -8x &= 94 + 18 \\ -8x &= 112\end{aligned}$$

$$x = -14$$

$$\begin{aligned}(2) \quad -2x + 1 &= -9 \\ -2x &= -9 - 1 \\ -2x &= -10\end{aligned}$$

$$x = 5$$

$$\begin{aligned}(3) \quad -7x - 16 &= -72 \\ -7x &= -72 + 16 \\ -7x &= -56\end{aligned}$$

$$x = 8$$

$$\begin{aligned}(4) \quad -5x - 16 &= 29 \\ -5x &= 29 + 16 \\ -5x &= 45\end{aligned}$$

$$x = -9$$

$$\begin{aligned}(5) \quad 4x - 17 &= 63 \\ 4x &= 63 + 17 \\ 4x &= 80\end{aligned}$$

$$x = 20$$

$$\begin{aligned}(6) \quad 10x + 12 &= 142 \\ 10x &= 142 - 12 \\ 10x &= 130\end{aligned}$$

$$x = 13$$

$$\begin{aligned}(7) \quad -4x + 3 &= 19 \\ -4x &= 19 - 3 \\ -4x &= 16\end{aligned}$$

$$x = -4$$

$$\begin{aligned}(8) \quad -9x - 3 &= -30 \\ -9x &= -30 + 3 \\ -9x &= -27\end{aligned}$$

$$x = 3$$

$$\begin{aligned}(9) \quad -7x + 11 &= 144 \\ -7x &= 144 - 11 \\ -7x &= 133\end{aligned}$$

$$x = -19$$

$$\begin{aligned}(10) \quad 2x - 10 &= -18 \\ 2x &= -18 + 10 \\ 2x &= -8\end{aligned}$$

$$x = -4$$