

不等式 連立不等式 (12問) 版Eの答え

※ 数直線に2つの範囲をかいて、重なる部分を読んだかを見てください。

$$\begin{aligned}(1) \quad & -4x - 6 \leq 5x + 9 \\ & 6x - 2 > 2x - 6 \\ & x > -1\end{aligned}$$

$$\begin{aligned}(2) \quad & x + 2 > -4x - 8 \\ & -6x + 6 \leq -x + 6 \\ & x \geq 0\end{aligned}$$

$$\begin{aligned}(3) \quad & -4x + 7 \geq -x + 10 \\ & -5x - 5 > -3x - 1 \\ & x < -2\end{aligned}$$

$$\begin{aligned}(4) \quad & x + 2 \geq -5x - 34 \\ & 6x + 2 > 4x - 4 \\ & x > -3\end{aligned}$$

$$\begin{aligned}(5) \quad & -5x + 7 < x + 7 \\ & -6x - 5 < -x + 5 \\ & x > 0\end{aligned}$$

$$\begin{aligned}(6) \quad & 2x - 1 \geq 4x - 5 \\ & 5x + 7 \leq 7 \\ & x \leq 0\end{aligned}$$

$$\begin{aligned}(7) \quad & -6x + 3 \leq 4x + 33 \\ & -x + 6 > -4x - 3 \\ & x > -3\end{aligned}$$

$$\begin{aligned}(8) \quad & -6x - 10 > 4x + 20 \\ & -x - 1 \leq -5x - 17 \\ & x \leq -4\end{aligned}$$

$$\begin{aligned}(9) \quad & -6x - 11 \geq 2x + 29 \\ & -3x + 7 > -2x - 2 \\ & x \leq -5\end{aligned}$$

$$\begin{aligned}(10) \quad & 6x - 5 \geq -5 \\ & -4x - 2 < -14 \\ & x > 3\end{aligned}$$

$$\begin{aligned}(11) \quad & -2x - 9 < 5 \\ & 2x - 11 \geq -3x - 11 \\ & x \geq 0\end{aligned}$$

$$\begin{aligned}(12) \quad & 5x + 1 \geq 4x - 4 \\ & 3x - 8 < -5x - 8 \\ & -5 \leq x < 0\end{aligned}$$