

不等式 連立不等式 (12問) 版A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。

$$\begin{aligned}(1) \quad & -6x - 11 < -3x + 7 \\ & -5x + 5 < -4x + 9 \\ & x > -4\end{aligned}$$

$$\begin{aligned}(2) \quad & -3x - 12 > 2x - 22 \\ & -6x - 3 > 3x - 12 \\ & x < 1\end{aligned}$$

$$\begin{aligned}(3) \quad & 5x - 6 \leq x + 2 \\ & x + 8 < 4x + 11 \\ & -1 < x \leq 2\end{aligned}$$

$$\begin{aligned}(4) \quad & 4x + 3 > -4x + 51 \\ & 6x - 1 < 3x + 23 \\ & 6 < x < 8\end{aligned}$$

$$\begin{aligned}(5) \quad & 5x + 11 > 4x + 11 \\ & x - 2 \geq -7 \\ & x > 0\end{aligned}$$

$$\begin{aligned}(6) \quad & 3x - 7 \geq -5x - 63 \\ & -2x + 2 < 4x + 18 \\ & x > -8/3\end{aligned}$$

$$\begin{aligned}(7) \quad & -5x - 5 \geq 3x - 5 \\ & 6x - 10 < 2x - 2 \\ & x \leq 0\end{aligned}$$

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

$$\begin{aligned}(9) \quad & 6x - 11 \geq x - 46 \\ & 6x + 5 \leq 4x + 21 \\ & -7 \leq x \leq 8\end{aligned}$$

$$\begin{aligned}(10) \quad & 3x + 12 \leq -x + 8 \\ & -5x + 1 > -3x - 11 \\ & x \leq -1\end{aligned}$$

$$\begin{aligned}(11) \quad & 6x + 11 \leq -2x - 61 \\ & 4x - 4 < 3x - 11 \\ & x \leq -9\end{aligned}$$

$$\begin{aligned}(12) \quad & -3x + 8 \geq 4x + 15 \\ & -3x + 3 \geq -2x + 4 \\ & x \leq -1\end{aligned}$$