

不等式 連立不等式 (12問) 版G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。

$$\begin{aligned}(1) \quad & -2x + 4 \leq 4x + 22 \\ & -3x - 6 > x - 38 \\ & -3 \leq x < 8\end{aligned}$$

$$\begin{aligned}(2) \quad & -4x + 1 > -x - 2 \\ & -3x - 2 \leq -5x + 16 \\ & x < 1\end{aligned}$$

$$\begin{aligned}(3) \quad & -2x + 4 \leq -3x + 2 \\ & -5x - 6 < 2x + 29 \\ & -5 < x \leq -2\end{aligned}$$

$$\begin{aligned}(4) \quad & 4x - 2 \leq 5x - 8 \\ & -4x - 9 \geq -37 \\ & 6 \leq x \leq 7\end{aligned}$$

$$\begin{aligned}(5) \quad & 5x - 5 \leq x - 25 \\ & -2x + 8 \geq 1 \\ & x \leq -5\end{aligned}$$

$$\begin{aligned}(6) \quad & -x + 4 < 3x - 2 \\ & 6x + 7 \geq -5x + 84 \\ & x \geq 7\end{aligned}$$

$$\begin{aligned}(7) \quad & -3x - 4 \leq -x - 2 \\ & x + 5 > -5x - 49 \\ & x \geq -1\end{aligned}$$

$$\begin{aligned}(8) \quad & -5x - 11 > -x - 25 \\ & -5x + 1 \geq 5x + 11 \\ & x \leq -1\end{aligned}$$

$$\begin{aligned}(9) \quad & 5x + 10 \leq 3x + 12 \\ & -5x + 3 \geq -2x + 12 \\ & x \leq -3\end{aligned}$$

$$\begin{aligned}(10) \quad & 3x - 12 < 4x - 10 \\ & -2x + 1 \leq 3x + 46 \\ & x > -2\end{aligned}$$

$$\begin{aligned}(11) \quad & -3x - 10 \geq 3x - 52 \\ & 3x + 12 \leq -2x + 32 \\ & x \leq 4\end{aligned}$$

$$\begin{aligned}(12) \quad & -x - 8 < 3x + 8 \\ & 5x - 9 > -2x - 65 \\ & x > -4\end{aligned}$$