

不等式 一次不等式（16問） 版Iの答え

※ 両辺を負の数でわったとき、不等号の向きを変えたかを見てください。

$$(1) \begin{aligned} 5(x - 2) &\geq -2x - 2 \\ x &\geq 8/7 \end{aligned}$$

$$(2) \begin{aligned} -3x - 3 &> 0 \\ x &< -1 \end{aligned}$$

$$(3) \begin{aligned} -6x - 12 &\geq -5x - 17 \\ x &\leq 5 \end{aligned}$$

$$(4) \begin{aligned} 5(x + 5) &> -2x + 2 \\ x &> -23/7 \end{aligned}$$

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

$$(6) \begin{aligned} -x - 2 &\geq -4x - 26 \\ x &\geq -8 \end{aligned}$$

$$(7) \begin{aligned} 3x + 6 &> 13 \\ x &> 7/3 \end{aligned}$$

$$(8) \begin{aligned} 6x + 11 &\geq -x + 74 \\ x &\geq 9 \end{aligned}$$

$$(9) \begin{aligned} -4x + 9 &< 3x + 51 \\ x &> -6 \end{aligned}$$

$$(10) \begin{aligned} 2(x - 6) &< x - 3 \\ x &< 9 \end{aligned}$$

$$(11) \begin{aligned} 4(x + 4) &> -4x + 9 \\ x &> -7/8 \end{aligned}$$

$$(12) \begin{aligned} -3x + 9 &\geq 2x + 29 \\ x &\leq -4 \end{aligned}$$

$$(13) \begin{aligned} 2(x - 6) &< 4x - 1 \\ x &> -11/2 \end{aligned}$$

$$(14) \begin{aligned} 3(x + 1) &\leq -x + 3 \\ x &\leq 0 \end{aligned}$$

$$(15) \begin{aligned} -4x - 9 &> 3x - 65 \\ x &< 8 \end{aligned}$$

$$(16) \begin{aligned} 2x + 12 &\geq -x + 21 \\ x &\geq 3 \end{aligned}$$