

不等式 一次不等式（16問） 版E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。

$$(1) \begin{aligned} 5(x - 3) &\geq -4x + 1 \\ x &\geq 16/9 \end{aligned}$$

$$(2) \begin{aligned} -5x - 6 &> -4x - 5 \\ x &< -1 \end{aligned}$$

$$(3) \begin{aligned} -6x - 3 &\leq -2x - 15 \\ x &\geq 3 \end{aligned}$$

$$(4) \begin{aligned} -x + 8 &\leq -3x + 15 \\ x &\leq 7/2 \end{aligned}$$

$$(5) \begin{aligned} 5(x + 3) &\leq 3x - 4 \\ x &\leq -19/2 \end{aligned}$$

$$(6) \begin{aligned} -4x + 2 &\geq -3x + 1 \\ x &\leq 1 \end{aligned}$$

$$(7) \begin{aligned} 6x + 12 &\leq 5x + 14 \\ x &\leq 2 \end{aligned}$$

$$(8) \begin{aligned} 4(x + 4) &\leq -3x - 6 \\ x &\leq -22/7 \end{aligned}$$

$$(9) \begin{aligned} 2(x - 3) &\leq -2x + 8 \\ x &\leq 7/2 \end{aligned}$$

$$(10) \begin{aligned} -2x + 10 &\leq 5x - 11 \\ x &\geq 3 \end{aligned}$$

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

$$(12) \begin{aligned} -x + 6 &> 3x + 20 \\ x &< -7/2 \end{aligned}$$

$$(13) \begin{aligned} 2(x + 3) &> -x + 5 \\ x &> -1/3 \end{aligned}$$

$$(14) \begin{aligned} -5x - 1 &\leq 3x - 25 \\ x &\geq 3 \end{aligned}$$

$$(15) \begin{aligned} 4x + 5 &\leq -5x + 17 \\ x &\leq 4/3 \end{aligned}$$

$$(16) \begin{aligned} 2(x + 6) &< -4x - 5 \\ x &< -17/6 \end{aligned}$$