

A.CED.A Exemplary Prep #1

Solve each compound inequality.

1) $-10v + 10 \leq 0$ or $4 - 4v \geq 20$

2) $6x - 1 \geq -13$ and $1 + 10x < 101$

3) $-9x + 9 \geq -9$ and $-9x - 1 \leq 62$

4) $7k + 1 > 29$ and $k + 5 < 11$

5) $5 - 9x > -31$ and $8 - 7x \leq 15$

6) $9n - 1 \geq -1$ or $6n + 4 < -32$

7) $1 + 10r > 81$ or $9r + 9 < -45$

8) $-3 - 6n < -39$ or $-4n + 9 > 9$

9) $6b + 5 > 35$ and $-7b + 7 > -49$

10) $x - 10 > -2$ or $-4 + 6x < 14$