

Solve each compound inequality and graph its solution.

1) $m - 2 < -8$ or $\frac{m}{8} > 1$

2) $-1 < 9 + n < 17$

3) $2x < 10$ or $\frac{x}{2} \geq 3$

4) $x + 8 \geq 9$ and $\frac{x}{7} \leq 1$

5) $-3 \leq \frac{p}{2} < 0$

6) $r + 5 \geq 12$ or $\frac{r}{9} < 0$

7) $7v - 5 \geq 65$ or $-3v - 2 \geq -2$

8) $-10b + 3 \leq -37$ or $3b - 10 \leq -25$

Solve each inequality and graph its solution.

9) $|x + 1| \geq 5$

10) $|x - 4| < 3$

11) $|x - 2| > 7$

12) $|x| > 9$

13) $|x + 5| \geq -14$

*14) $|x + 2| + 7 \leq 6$

*15) $|x - 9| - 5 < -1$

*16) $-2|x + 7| < -4$