

## Review 1.5-1.7

What are the solutions of the inequality? GRAPH and give the solution as an interval.

1.  $4x + 6 < -6$

2.  $6(k - 11) > 12$

3.  $p + 4 - 2(p - 10) > 0$

4.  $3x + 10 \geq 4$

Find the solutions of the compound inequality? Graph and give the solution in interval notation

5.  $-2 < 4x - 10$  and  $4x - 10 < 6$

6.  $2n + 7 \geq 27$  or  $3 + 3n \leq 30$

7.  $-2 \leq 2x - 4 < 8$

8.  $5x - 5 > -7x - 5$  or  $3x + 5 \leq x - 1$

9.  $2|5x - 3| \leq 10$

10.  $5|-6x + 1| - 3 \geq 22$

11.  $5|3x - 2| = 20$

12.  $6|-2x + 3| - 7 = 35$

