

Section 2.8
Worksheet I

Algebra 2

Solve and graph the solution on a number line.

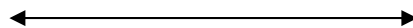
1. $|x - 6| \leq 2x + 9$



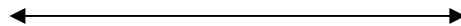
2. $4|2x - 8| + 1 < 21$



3. $3|6 - 2x| - 10 \geq 2$



4. $|3x - 6| + 12 < 6$



5. Solve: $|-1 + 3x| - 5x = 9$

6. Solve: $|3x + 6| = 2x + 9$

7. Solve: $|6 + x| - 15 = 2x$

8. Solve: $|8x - 16| = 24$