

**Absolute Value Inequalities Worksheet**

NAME \_\_\_\_\_

*For each absolute value inequality, write the inequality without the absolute value by using the appropriate property. Also, state whether the solution set will be a single interval or a union of two intervals.*

1.  $|x-2| > 8$

2.  $|2x+3| \geq 7$

3.  $|5-z| < 18$

4.  $|3t-5| \leq 3$

5.  $|5-2x| \geq 13$

6.  $|3y+4| < 2$

7.  $|k-3| > 1$

8.  $|2n+1| \leq 10$

9.  $|5-2r| \geq 6$

10.  $|q+5| \leq 15$

11.  $|2m+4| < 9$

12.  $|p-5| > 5$