

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. $|p - 5| > 5$