

Precalculus Algebra Review Worksheet #11 page 1 _____

Solve each of the following inequalities. Represent the solution set as an interval or the union of intervals.

1. $|3x - 5| < 4$

2. $|4x + 3| > 5$

3. $|7 - 2x| \leq 1$

4. $|5x + 3| \geq 9$

5. $|2x + 7| < 5$

6. $|3x - 5| > 5$

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Solve each of the following inequalities. Represent the solution set as an interval or the union of intervals.

7. $|2 - 3x| \leq 8$

8. $|5x + 7| \geq 12$

9. $|3x + 5| \geq 0$

10. $|7x - 1| < -2$