

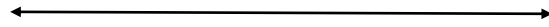
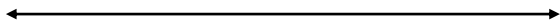
3.1 – Solving Inequalities

The method of solving linear inequalities is similar to the one used for solving linear equations. Most inequalities have many solutions, which are graphed on a number line. **Remember when multiplying or dividing by a negative number, you must reverse the inequality.**

Examples:

1. $3x - 2 \leq 5x - 3$

2. $4 - 2x > 6$



3. $8(2x - 1) > 11x - 17$

4. $5(x - 2) \leq 7$



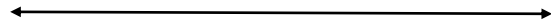
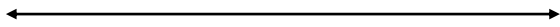
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