Solve and Graph Inequalities
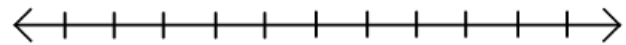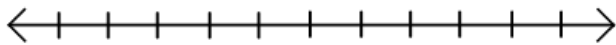
Solve each inequality. Show <u>all</u> steps. Remember to use the "flip-it" rule when appropriate!
Make a number line graph of the solution.

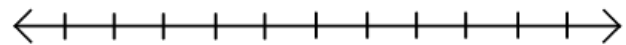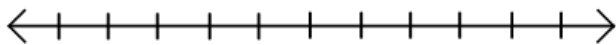1. $3x + 17 < 47$ 2. $43 \leq 8x - 9$

3. $-6x + 9 < 25$ 4. $\dfrac{x}{-4} \geq 2$

5. $-4 + \dfrac{x}{16} > -3$ 6. $18 \geq -4x + 2$