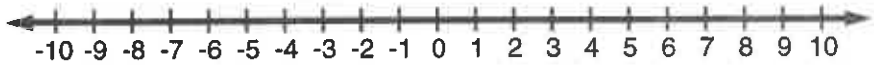
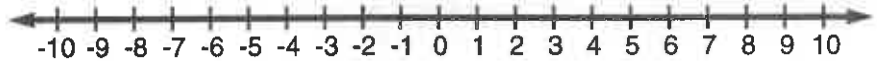
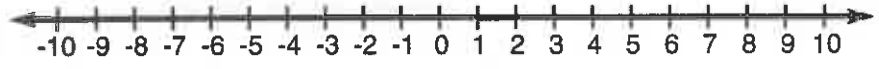
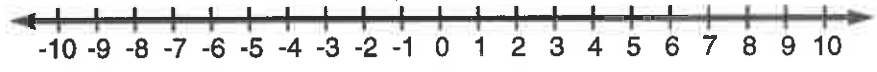
Solving Inequalities with Variables on Both Sides

$$-10x + 6 > 2x - 30$$
$$-10x + 10x + 6 > 2x + 10x - 30$$
$$6 > 12x - 30$$
$$30 + 6 > 12x - 36 + 36$$
$$36 > 12x$$
$$3 > x$$

Solve each inequality and graph its solution set.

1. $5x + -3 > 2(3 + x)$ 
2. $-9 - e > 3e + 11$ 
3. $3(2x + 4) \geq 7x + 8$ 
4. $7m + 9 \leq 5(m + 3)$ 
5. $5x - 20 > 2x + 1$ 
6. $2(k + 4) \leq 3(2k - 4)$ 
7. $5c + 2 < 2c + -7$ 
8. $3(s - 4) \geq 4s - 12$