## Solving Multi-Step Inequalities

> "Greater Than"

Shade to the right, open circle

≥ "Greater Than or Equal To" / "At Least"

Shade to the right, closed circle

< "Less Than"

Shade to the left, open circle

≤ "Less Than or Equal To" / "At Most"

Shade to the left, closed circle

Directions: Solve each inequality and graph the solution.

1. 
$$3y + 6 > 12$$



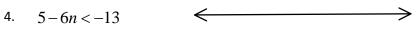
2. 
$$-6 \le -4 + 2z$$



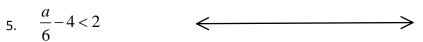
3. 
$$8x-5 \ge -4x+1$$



4. 
$$5-6n < -13$$



5. 
$$\frac{a}{6} - 4 < 2$$



6. 
$$-5 - \frac{a}{7} \ge -3$$

