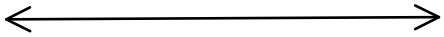
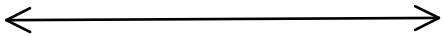
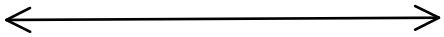
Solving Inequalities Using Addition or Subtraction

>	"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. $x + 6 \geq 11$ 

2. $-8 > m - 14$ 

3. $a - 16.2 > 5.3$ 

Directions: Write an inequality for each statement.

4. You must be at least 18 years old to attend the event.

5. You will save up to $100 during the sale.

6. The speed limit is 65 mph.