**Write an inequality to model each situation.**

1.) A bus can seat at most 48 students.

2.) In many states, you must be at least 16 years old to obtain a driver’s license.

3.) It is not safe to use a light bulb of more than 60 watts in this light fixture.

4.) At least 350 students attended the band concert Friday night.

5.) The Navy’s flying squad, the Blue Angels, makes more than 75 appearances each year.

6.) **Describe a situation that you can represent using the inequality**: $x\geq 18$

***For what value(s) of*** $x$ ***satisfies the following absolute value equations?***

7.) $4\left|k+5\right|=8$ 8.) $\left|3c+1\right|-4=13$

9.) $-4\left|b-2\right|-9=-37$ 10.) $6-3\left|-8r-9\right|=-15$