

Name: \_\_\_\_\_

1.  Which value or values for the variable  $x$  from the set below will make  $2.1 + 0.8x \leq 3$  true?

**{0, 1, 1.3, 1.5}**

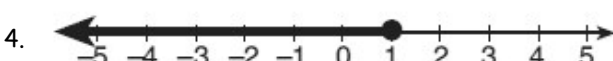
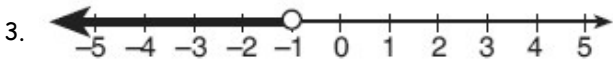
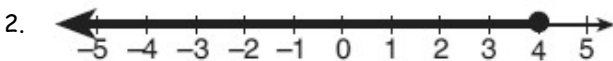
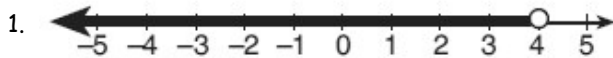
1. only 0                      2. 0 and 1  
3. 0, 1, and 1.3            4. all values in the set

2.  Which value in the set of values below is NOT a solution to the inequality  $10 - 2y \geq 4$ ?

Set: {1, 2, 3, 4}

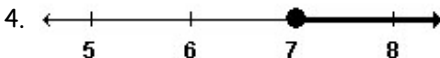
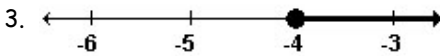
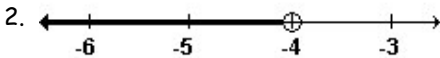
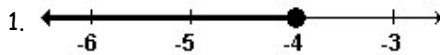
1. 1            2. 2  
3. 3            4. 4

3.  Which graph represents the solution set of  $2x - 5 < 3$ ?



4.  Which graph represents the solution set of the following inequality?

$$-3(x + 2) \geq 6$$



5.  Find  $x$  in the inequality:  $\frac{x}{-6} + 2 \leq 15$

1.  $x \leq -78$             2.  $x \geq -78$   
3.  $x \leq 78$              4.  $x \geq 78$