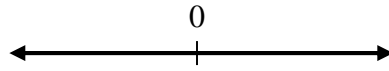


**INTERVAL NOTATION WORKSHEET**

NAME: \_\_\_\_\_

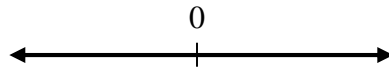
**Put in interval notation and draw a graph of each inequality.**

1.  $x \geq 4$



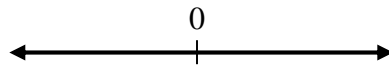
1. \_\_\_\_\_

2.  $x < 6$



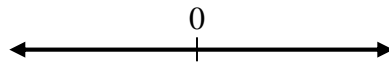
2. \_\_\_\_\_

3.  $x \leq -2$



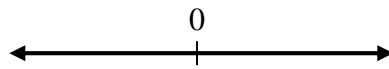
3. \_\_\_\_\_

4.  $x > 8$



4. \_\_\_\_\_

5.  $x < -10$



5. \_\_\_\_\_

**Write each interval as an inequality .**

6.  $(-\infty, -8]$

6. \_\_\_\_\_

7.  $[5, \infty)$

7. \_\_\_\_\_

8.  $(-2, \infty)$

8. \_\_\_\_\_

9.  $[-10, \infty)$

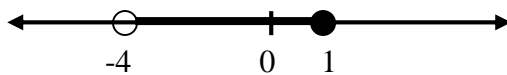
9. \_\_\_\_\_

10.  $(-\infty, 6)$

10. \_\_\_\_\_

**11) Write interval notation that describes the graph.**

11) \_\_\_\_\_



In each part, express the set in interval notation (a, b)

