

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

Period: \_\_\_\_\_ Date: \_\_\_\_\_

## Inequalities

### Section I. Write < or > in the blank to make the statement true.

1.  $4$  \_\_\_\_\_  $20$

2.  $-3$  \_\_\_\_\_  $8$

3.  $16$  \_\_\_\_\_  $-1$

4.  $-7$  \_\_\_\_\_  $-15$

5.  $50$  \_\_\_\_\_  $25$

6.  $-15$  \_\_\_\_\_  $0$

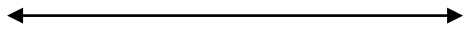
7.  $-2$  \_\_\_\_\_  $-5$

8.  $100$  \_\_\_\_\_  $0$

9.  $-12$  \_\_\_\_\_  $-8$

### Section II. Sketch the inequality

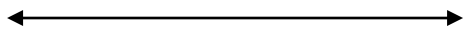
10.  $y \geq 3$



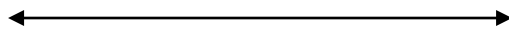
11.  $-7 < x$



12.  $g < -5$



13.  $9 \geq h$



### Section III. Write the inequality shown on each number line. Use x as your variable.

