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

Graphing Inequalities Homework

**Translate the following statements into mathematical statements or inequalities.**

**Draw on a number line.**

1) t is less than five. \_\_\_\_\_\_\_\_\_\_\_\_

2) q is greater than or equal to zero. \_\_\_\_\_\_\_\_\_\_\_\_

3) y is no more than negative three. \_\_\_\_\_\_\_\_\_\_\_\_

4) x is at least negative two. \_\_\_\_\_\_\_\_\_\_\_\_

5) z is between negative three and four. \_\_\_\_\_\_\_\_\_\_\_\_

**Write the inequality statement ( Ex.  ) for each graph.**

6) \_\_\_\_\_\_\_\_\_\_\_\_\_

 -7 -6 -5 -4 -3 -2 -1 0 1 2 3 4 5 6 7

 -7 -6 -5 -4 -3 -2 -1 0 1 2 3 4 5 6 7

7) \_\_\_\_\_\_\_\_\_\_\_\_\_\_

8) \_\_\_\_\_\_\_\_\_\_\_\_\_\_

 -7 -6 -5 -4 -3 -2 -1 0 1 2 3 4 5 6 7

**Draw a graph for each inequality**