Introduction to Functions – Day 5   Name _____
Notes   Date _____ Period _____
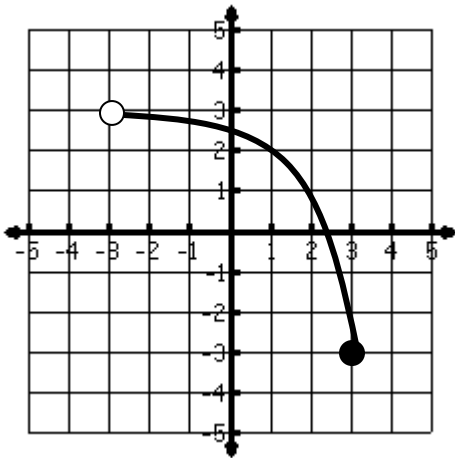
Inequality signs can be used to determine the domain and range of graphs.

The x-values make up the **domain** of the function, and the y-values make up the **range** of the function.

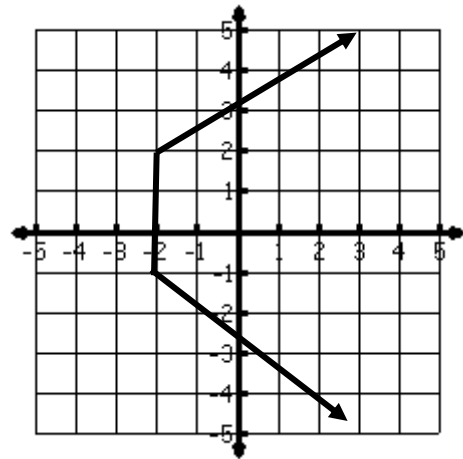Use inequality signs to write the domain and range for each graph.

1.

Domain _____
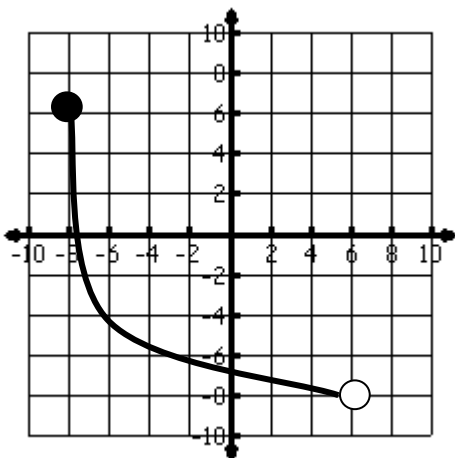
Range _____

3.

Domain _____
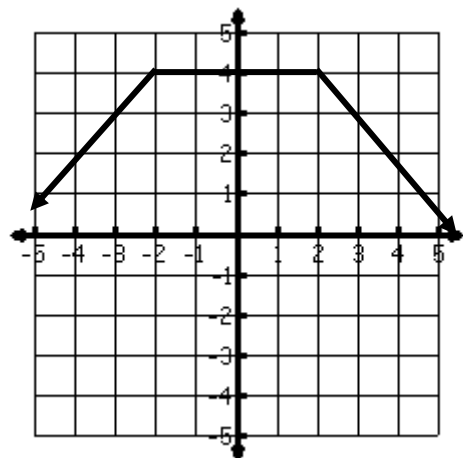
Range _____

2.

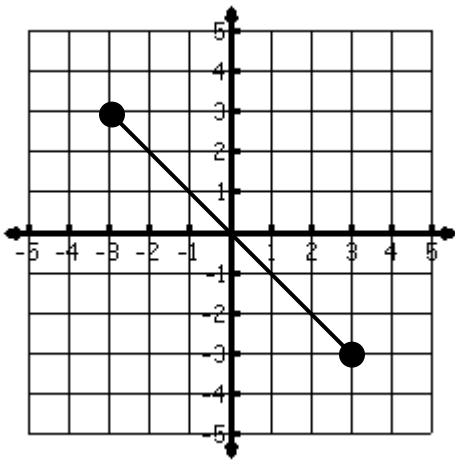Domain _____

Range _____

4.

Domain _____

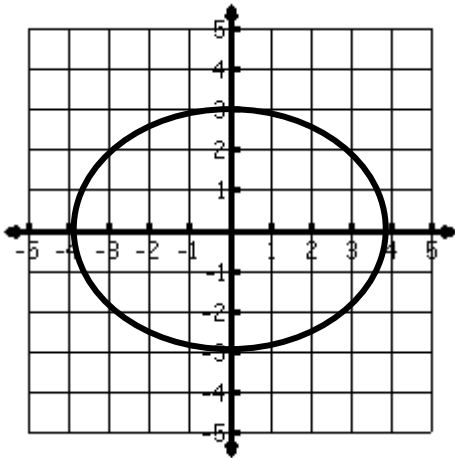Range _____

5.

Domain _____

Range _____

6.

Domain _____

Range _____

7.   Does the graph in question 6 represent a
       function? Why or why not?

8.   Create a graph that has the following
       domain and range.

       Domain $-2 \leq x < 3$

       Range $-4 \leq y < 5$