Domain and Range Homework

Name _____

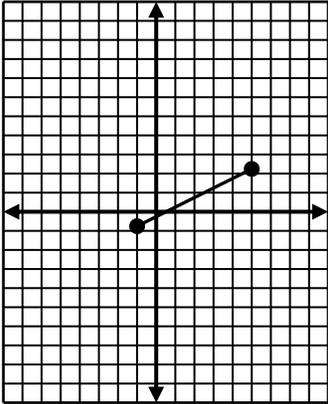Date Due 10/15/09   Period _____

For each problem: a) State the domain
                    b) State the range
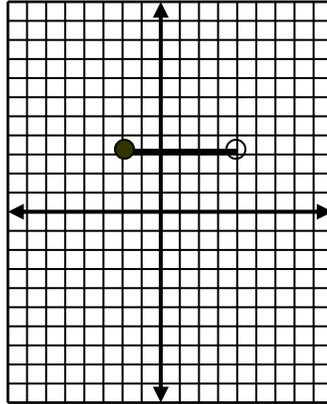   c) Determine if the graph is a function
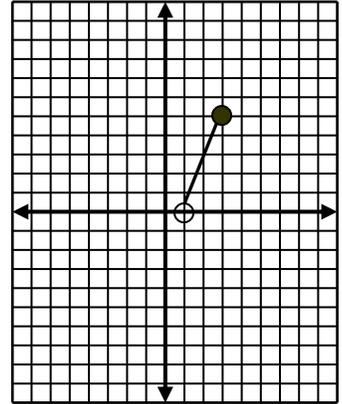
1.

a)_____

b)_____

c) _____

2.

a)_____

b)_____

c)_____

3.
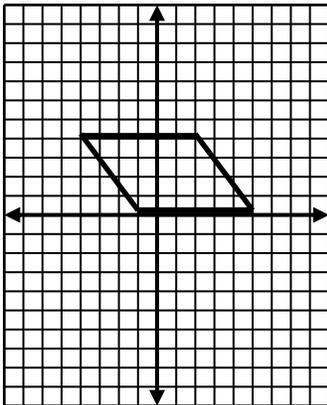

a)_____

b)_____

c)_____

4.

a)_____

b)_____

c) _____

5.
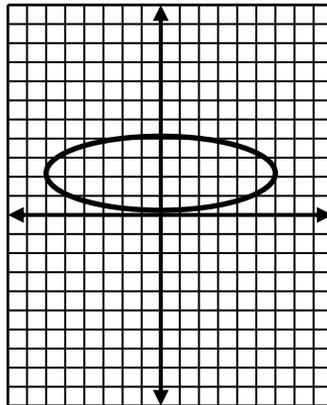
a)_____

b)_____

c)_____

6.
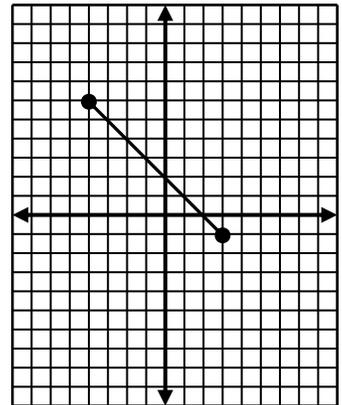
a)_____

b)_____

c)_____

7.
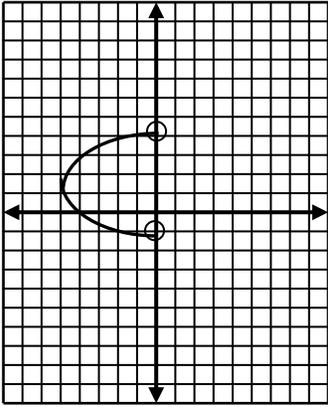
a)_____

b)_____

c) _____

8.
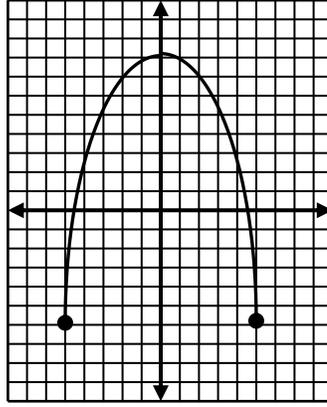
a)_____

b)_____

c)_____

9.
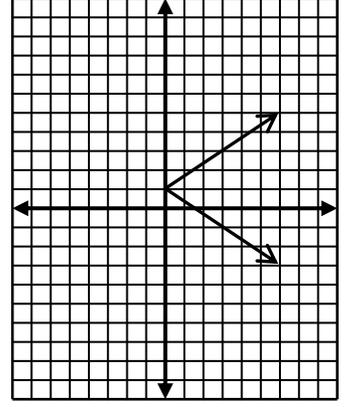
a)_____

b)_____

c)_____

10.
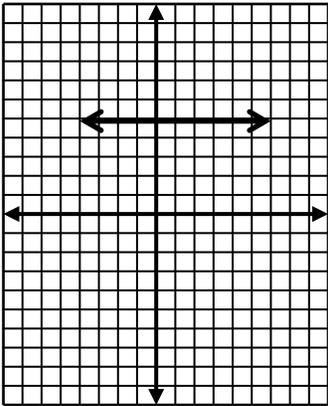
a)_____

b)_____

c) _____

11.
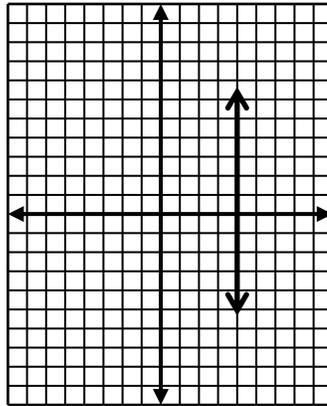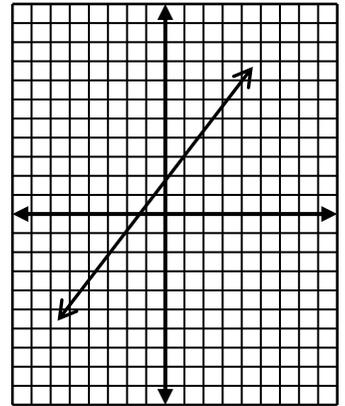
a)_____

b)_____

c)_____

12.

a)_____

b)_____

c)_____

13. Tara's car travels about 25 miles on one gallon of gas. She has between 10 and 12 gallons of gas in the tank.
   a) List the independent and dependent quantities.

   b) Find the reasonable domain and range values.

   c) Write the reasonable domain and range as inequalities.

14. Sal and three friends plan to bowl one or two games each. Each game costs $2.50.
   a) List the independent and dependent quantities.

   b) Find the reasonable domain and range values.

   c) Write the reasonable domain and range as inequalities.