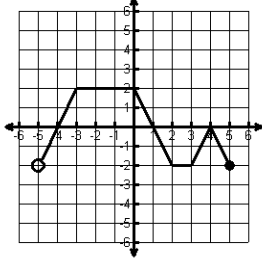**Domain and Range Worksheet #1**   **Name:** _____
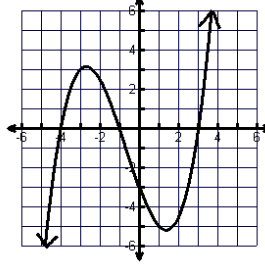
State the domain and range for each graph and then tell if the graph is a function (write yes or no).
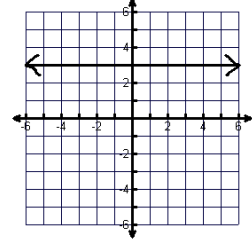If the graph is a function, state whether it is discrete, continuous or neither.
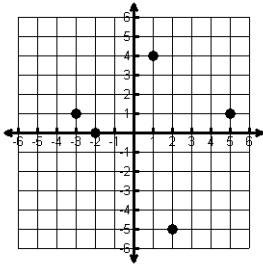
1) Domain_____
    Range_____
    Function?_____
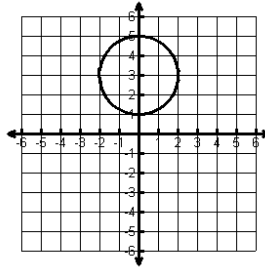

2) Domain_____
    Range_____
    Function?_____

3) Domain_____
    Range_____
    Function?_____

4) Domain_____
    Range_____
    Function?_____

5) Domain_____
    Range_____
    Function?_____

6) Domain_____
    Range_____
    Function?_____
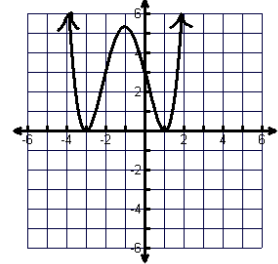
7) Domain_____
    Range_____
    Function?_____
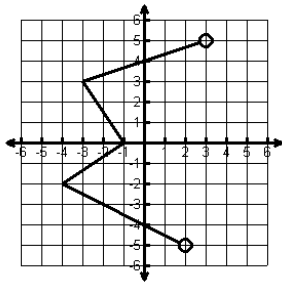
8) Domain_____
    Range_____
    Function?_____
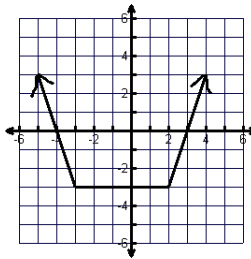
9) Domain_____
    Range_____
    Function?_____

10) Domain_____
     Range_____
     Function?_____

11) Domain_____
     Range_____
     Function?_____

12) Domain_____
     Range_____
     Function?_____

Answer Key Domain and Range Worksheet #1   Name: _____
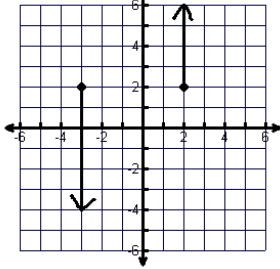
State the domain and range for each graph and then tell if the graph is a function (write yes or no).
If the graph is a function, state whether it is discrete, continuous or neither.

1) Domain: -3 and -2
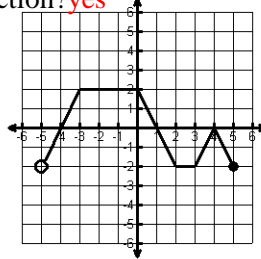   Range $(-\infty, \infty)$
   Function? Not A Function

2) Domain: (-5, 5]
   Range [-2, 2]
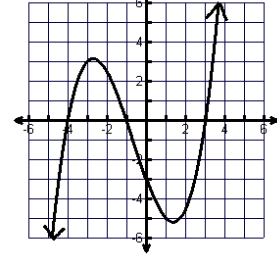   Function? yes

3) Domain $(-\infty, \infty)$
   Range $(-\infty, \infty)$
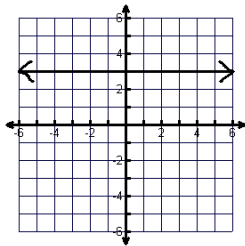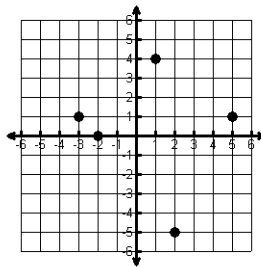   Function? Yes

4) Domain $(-\infty, \infty)$
   Range 3
   Function? yes

5) Domain -3, -2, 2, 4 and 5
   Range -5, 0, 1 and 4
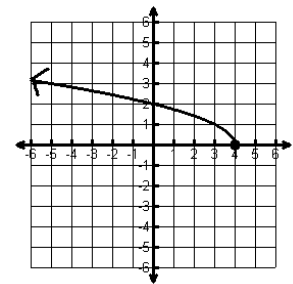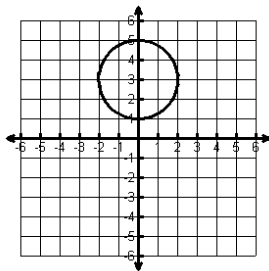   Function? Yes

6) Domain (-∞, 4]
   Range [0,∞)
   Function? yes

7) Domain [-2,2]
   Range [-2,2]
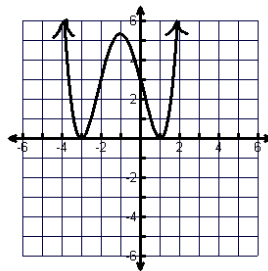   Function? No

8) Domain $(-\infty, \infty)$
   Range [0,∞)
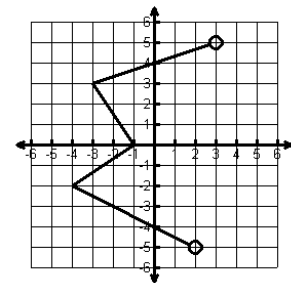   Function? Yes

9) Domain [-4,3)
   Range (-5, 5)
   Function? No
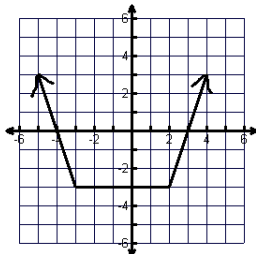
10) Domain $(-\infty, \infty)$
    Range [-3, ∞)
    Function? yes
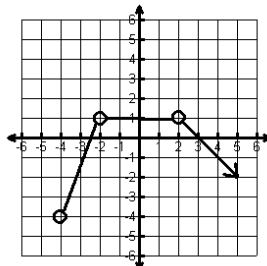
11) Domain (-4,∞)
    Range (-∞, 1]
    Function? yes

12) Domain [-3,3]
    Range [-3,4]
    Function? No