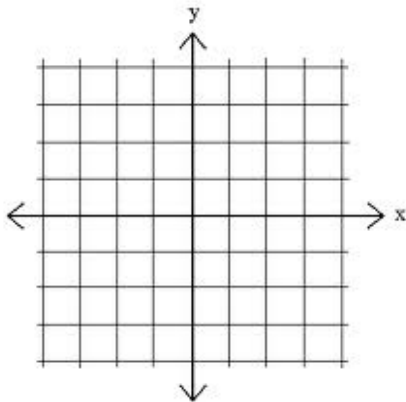


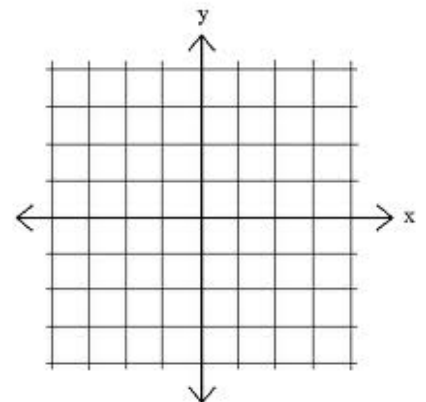
Important Information:

- What is a definition of a function: \_\_\_\_\_
  
- How can you check if a graph is a function: \_\_\_\_\_
  
- How can you check if a table represents a function: \_\_\_\_\_
  
- If a graph or table isn't a function, what is it? \_\_\_\_\_
  
- Write out the four main families of functions and draw an example of each on the axis provided:

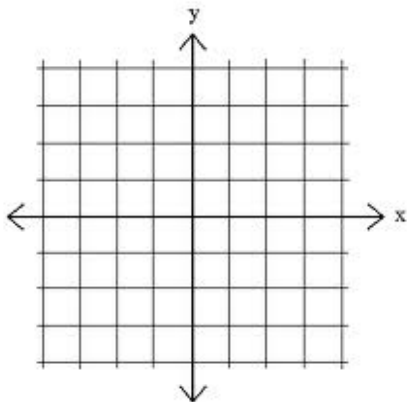
1. \_\_\_\_\_



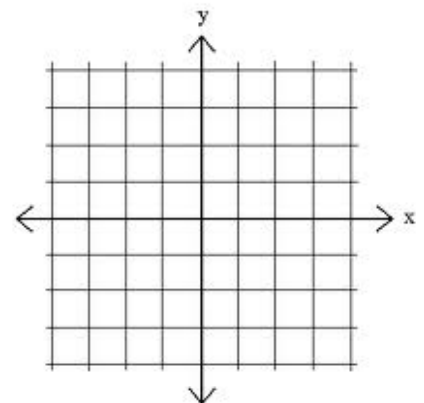
2. \_\_\_\_\_



3. \_\_\_\_\_

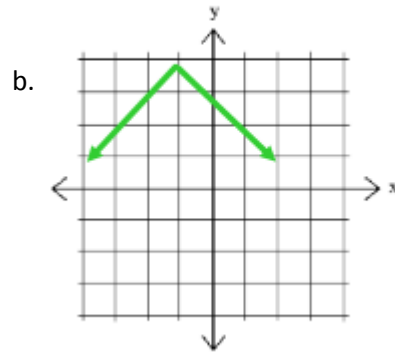
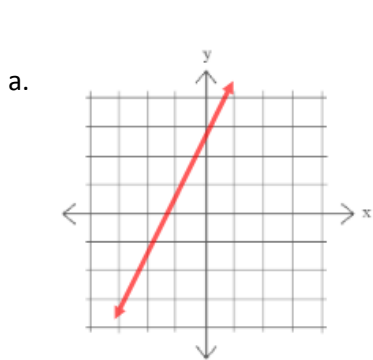


4. \_\_\_\_\_



Practice Problems:

1. Of the following graphs, tables or graphs, which ARE functions?

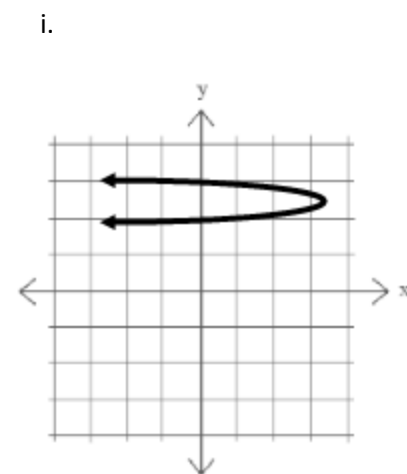
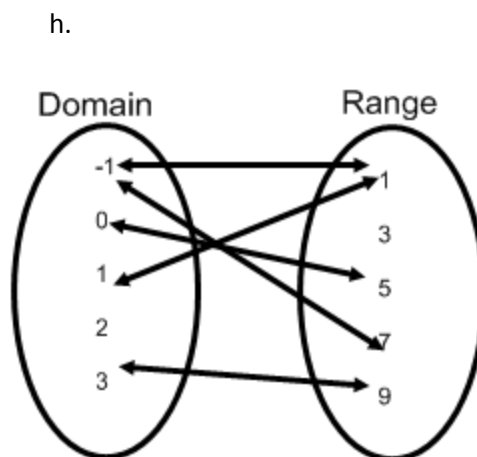
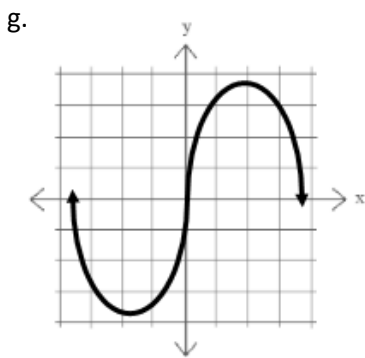
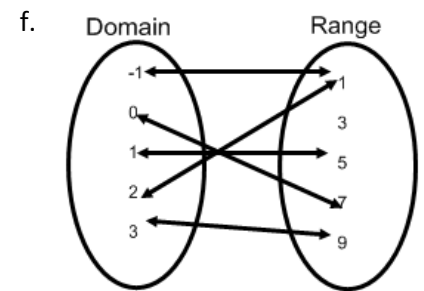
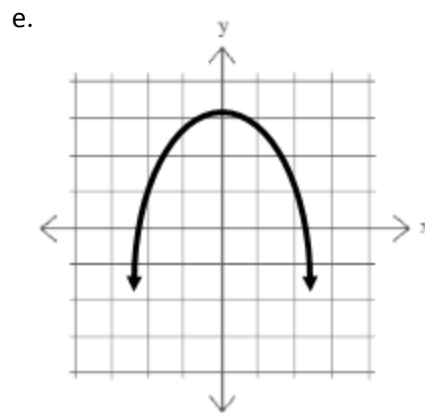


c.

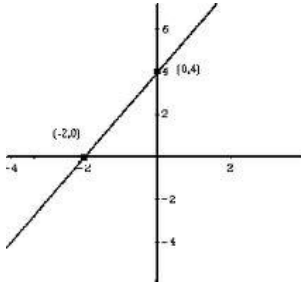
X	Y
-2	4
-1	1
0	0
1	1
-2	5
-3	10

d.

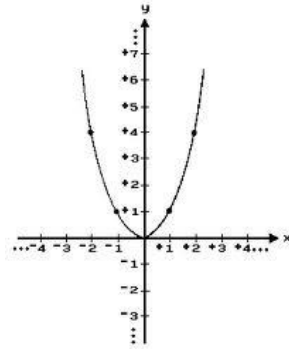
X	Y
-2	4
-1	1
0	0
1	1
2	4
3	9



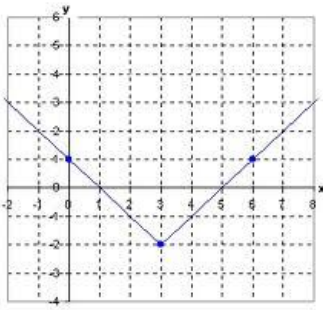
2. Look at the following graphs. Identify the family of functions that it belongs to on the line below the graph.



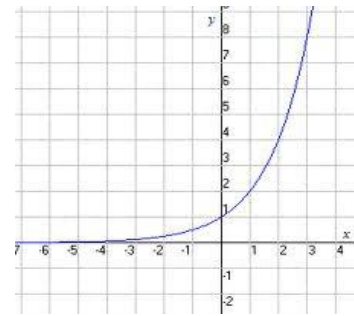
a. \_\_\_\_\_



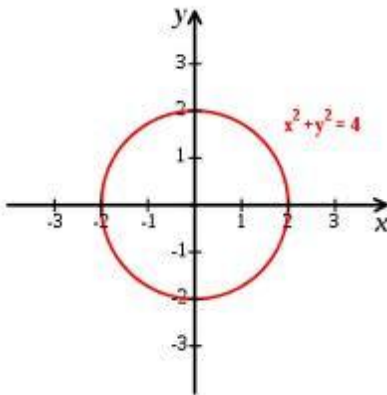
b. \_\_\_\_\_



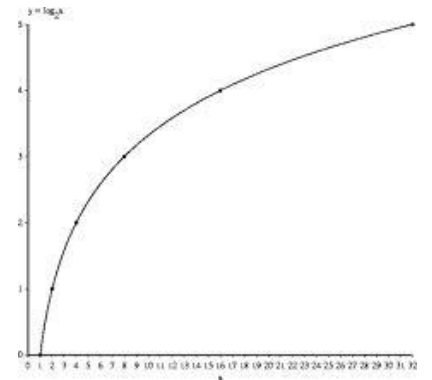
c. \_\_\_\_\_



d. \_\_\_\_\_



e. \_\_\_\_\_



f. \_\_\_\_\_