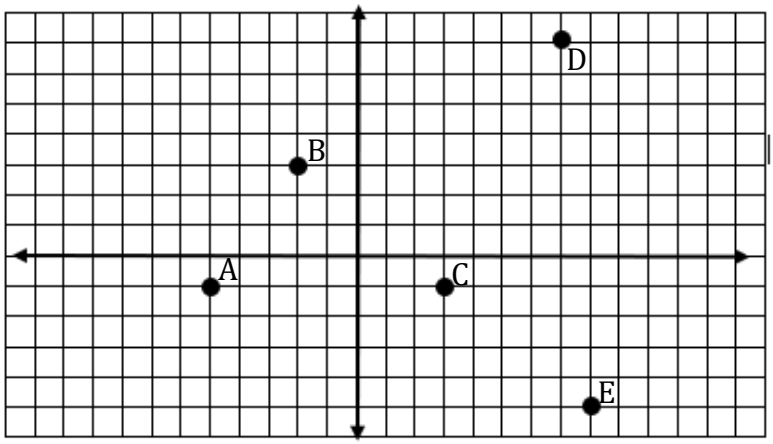
Unit 4.6 Introduction to Functions

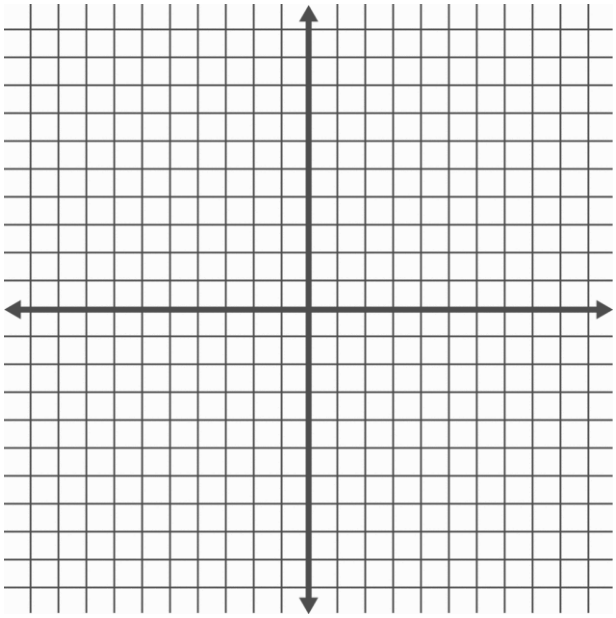
1. List the ordered pairs for each point and then determine if it represents a function



A	
B	
C	
D	
E	

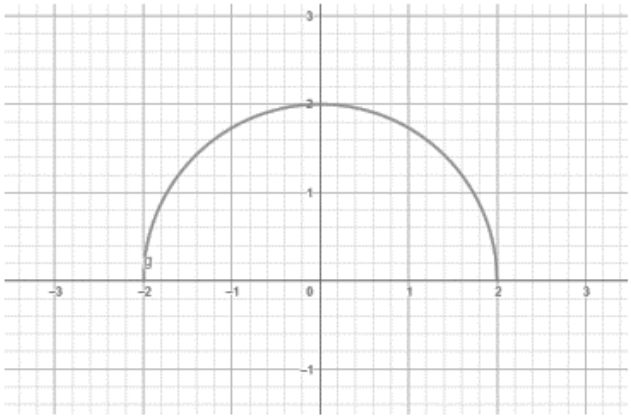
2. Graph the points and state the domain and range. Determine if it is a function

   t = {(-3,-3), (4,1),(-2,1),(3,1),(5,2)}

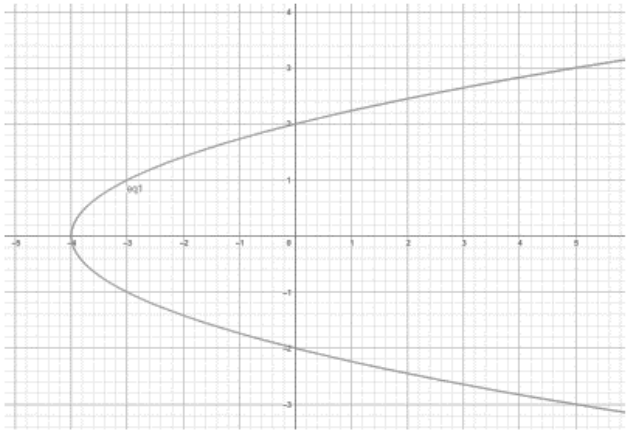


3. Use the vertical line test to determine if the graph represents a function.

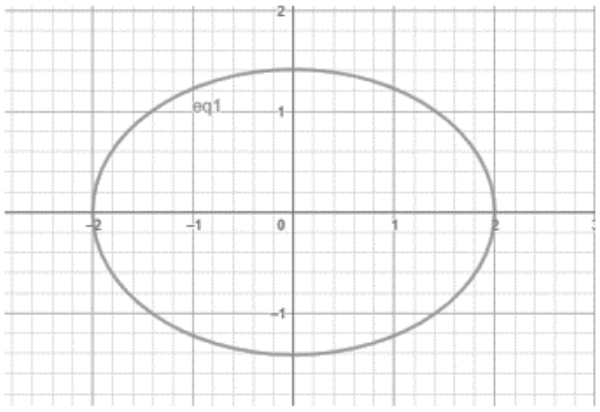
a.



b.



c.



4. Find the range of the function $f(x) = \frac{3}{4}x + 2$ given the domains D{-4,-2,0,3,4}

5. State the domain of the function
   $f(x) = \frac{35}{x - 6}$

6. Given that $f(x) = 3x+2$ and $g(x) = -x + 5$, find
   a. f(2)

   b. g(3)

   c. f(g(x))