	ne	CAND FUNCTIONS DAY 4
B	ELL WORK	S AND FUNCTIONS – DAY 1
abel	the following parts of the coording	nate plane:
1)	x-axis	
2)	y-axis	
3)	origin	
4)	quadrants	
,	·	
/ A N/	IDI E#1. Blot the following points	and tell what guadrant or avia the point is leasted
AIV	IPLE#1: Plot the following points	and tell what quadrant or axis the point is located.
	M(2, -1)	
	N(-3, -3)	
	R(0, 3.5)	
	T(5, -2)	
	T(5, -2)	
	V(-3, 0)	
	V(-3, 0) W(- ¹ / ₂ , 1)	
	V(-3, 0)	
	V(-3, 0) W(- ¹ / ₂ , 1)	
=1 ^	V(-3, 0) W(-\frac{1}{2}, 1) X(0, -2) L(5, 7)	can be expressed in four different ways:

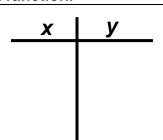
EXAMPLES: Make a table and/or mapping for the relation shown. State the domain and range. Determine whether or not the relation is a function.

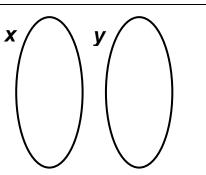
2. {(11, -2), (12, -1), (13, -2), (9, 7)}

D = _____

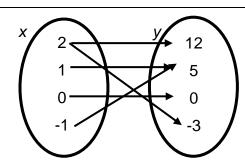
R = ____

Function?_____





3.



x y

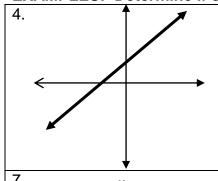
D = ____

R =

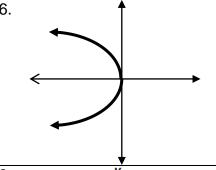
Function?_____

<u>VERTICAL LINE TEST</u> – a method used to determine if a graph is a function or not. If a vertical line passes through the graph ______, the graph is *not* a function.

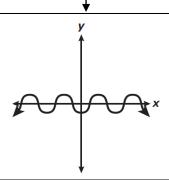
EXAMPLES: Determine if each relation represents y as a function of x.



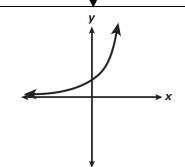
5.



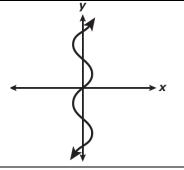
7.



8.



9.



10. A point is missing from the graph of the relation shown. The relation is *not* a function. Which point is missing?

- A. (0, 0)
- B. (-1, 2)
- C. (1, 1)
- D. (2, -2)