

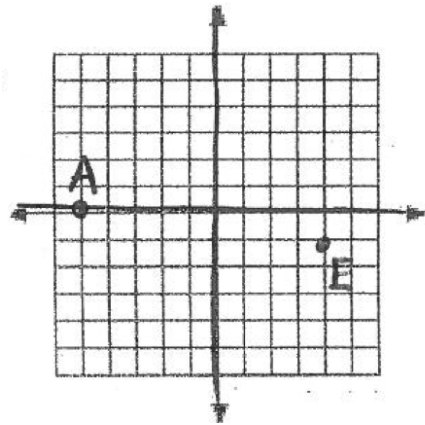
Module 4 (Graphing) Practice TEST

1. The point on the coordinate plane where the x and y axes intersect is termed the _____.

2. Plot these two points on coordinate plane to right

a. M (-4, 5)

b. X (0, -3)



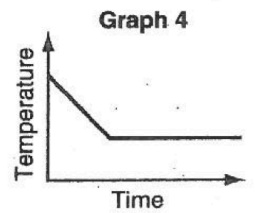
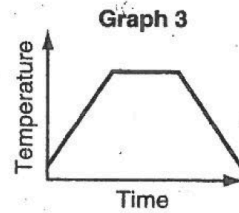
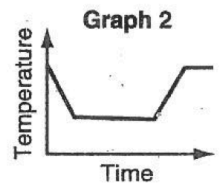
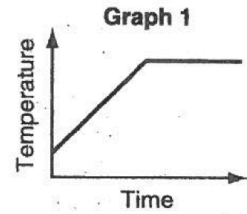
3. Give the coordinates AND quadrants for these points:

a. E

b. A

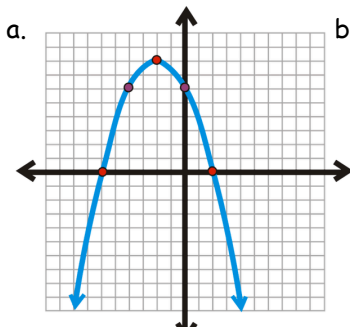
#4-5. Choose the graph that best represents the situation.

4. On a hot day Kyle walks into and out of an air-conditioned building



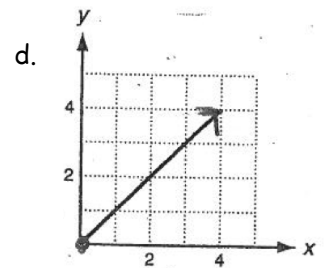
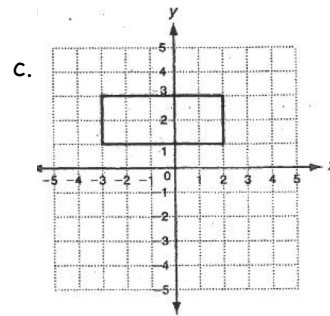
5. Kayli puts ice cubes in her soup to cool it before eating

6. Circle the relations which are functions.



b.

x	-2	-3	-3	-4
y	1	2	3	4



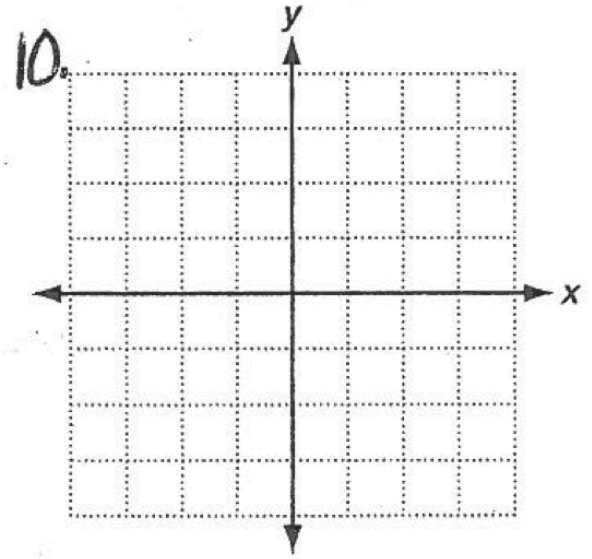
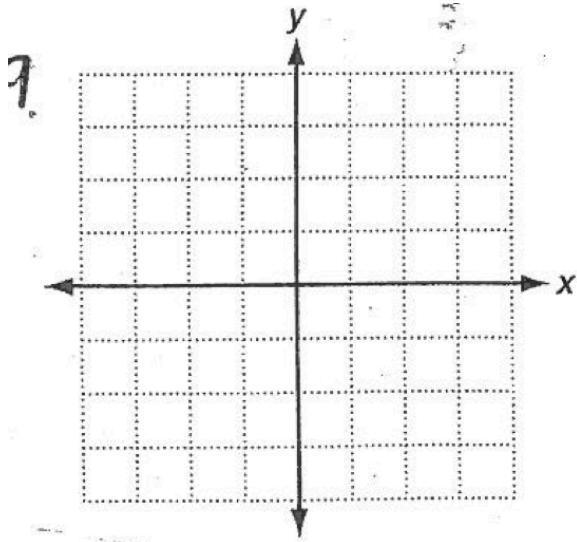
7. Give the domain and range for 6a (above)

8. Give the domain and range for 6c (above)

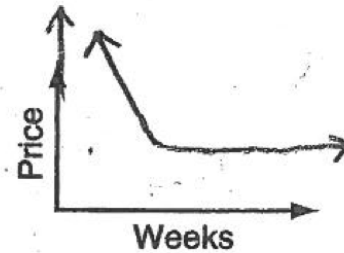
#9-10,. Use a table of values to graph each function.

9. $y = x^2 + 1$

10. $f(x) = 2|x| - 3$



11. Write a description to match the graph at right.



12. If $f(x) = 3x - 10$ and $g(x) = -4x^2$

a. Find $g(3)$

b. Find $f(1)$

c. If $f(x) = 11$, then solve for x .