GROUP NAMES: ____________________________________________________________

SHORT ANSWER. Write the word or phrase that best completes each statement or answers the question.

Plot the given point in a rectangular coordinate system.

1) (1, 2)

Graph the equation.

2) \( y = \frac{1}{4}x + 6 \)

3) \( y = x^2 + 4 \)
4) \( y = -|x| + 1 \) 

5) \( y = x^3 - 3 \) 

Match the correct viewing rectangle dimensions with the figure.

6) 

Match the correct viewing rectangle dimensions with the figure.
Use the graph to determine the x- and y-intercepts.

The graph shows the recorded hourly temperatures in degrees Fahrenheit at an airport. Use the graph to answer the question.

8) At what time was the temperature the highest?  

9) What temperature was recorded at 5 p.m.?  

10) During which two hour period did the temperature increase the most?