

Bellwork Thursday, March 13, 2014

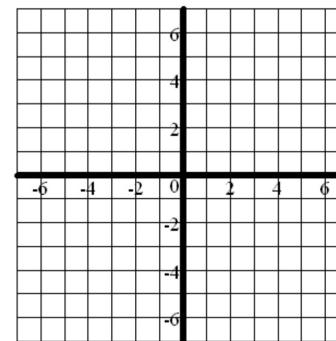
1. The function $y = |x|$ is translated 11 units left and 6 units down, it opens down, and the sides have a slope of ± 5 . Write the equation of this function.

2. Write the coordinates of the vertex of this absolute value function.

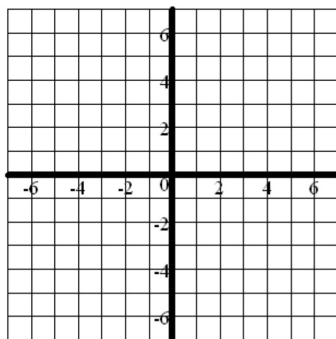
$$y = -0.75|x - 15| + 21$$

3. Graph each absolute value function using at least 5 points.

a) $y = -\frac{3}{2}|x + 2| + 5$

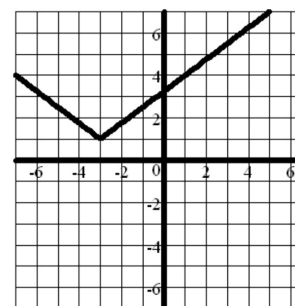


b) $y = 2|x - 4| - 3$

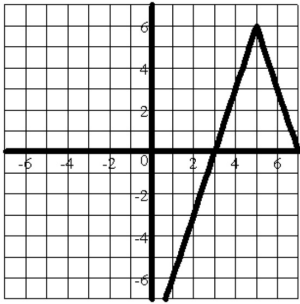


4. Write the equation of each absolute value function.

a) EQ

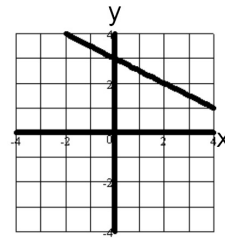


b) EQ

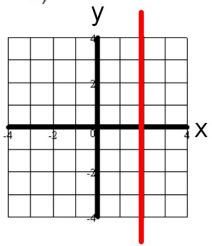


5. Write the equation of each line.

a)



b)



c)

