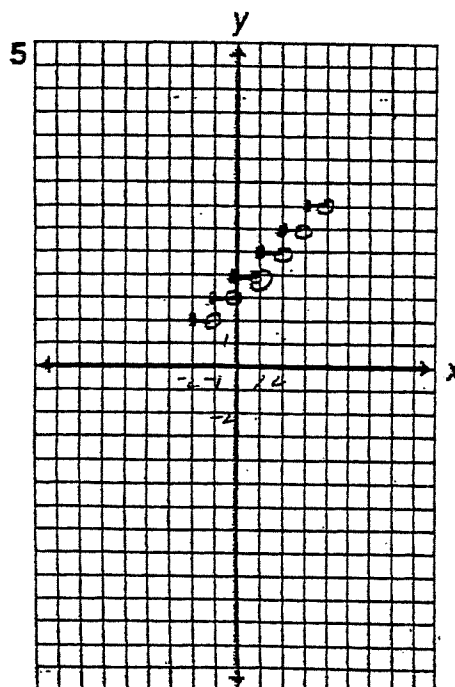
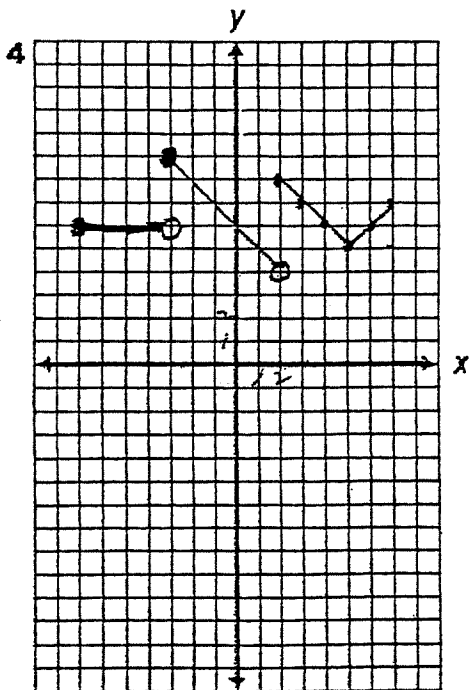
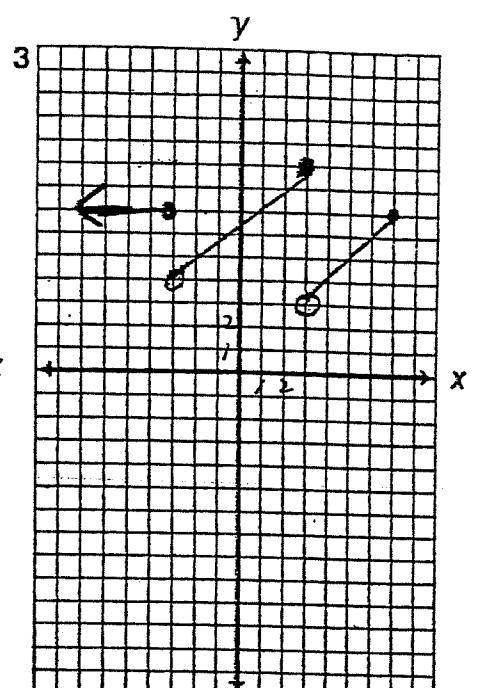
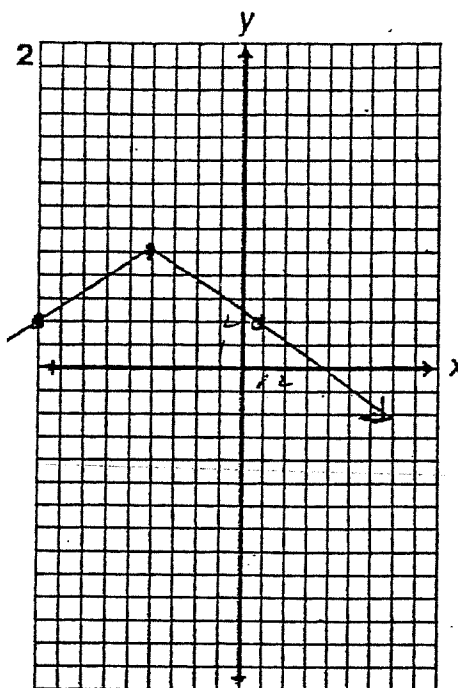
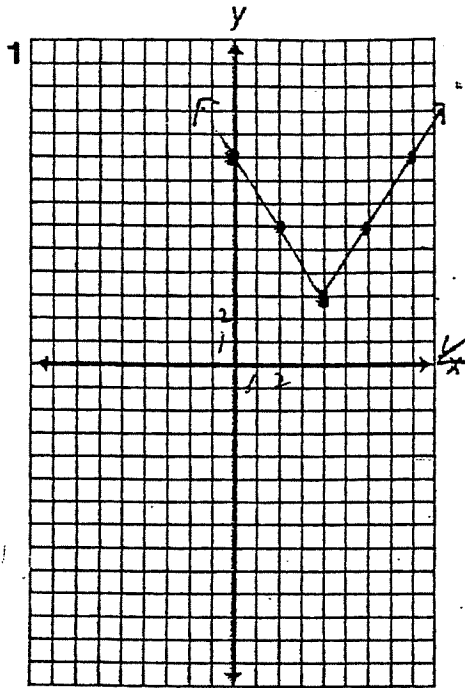


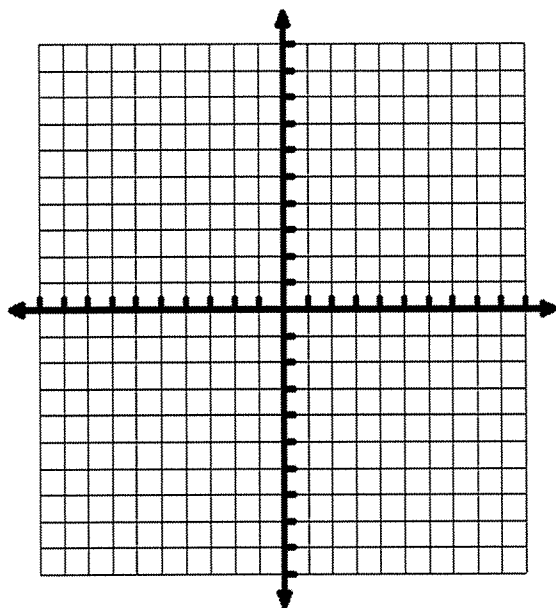
Special Functions Review - Write Equations

Write the equation of each graph.



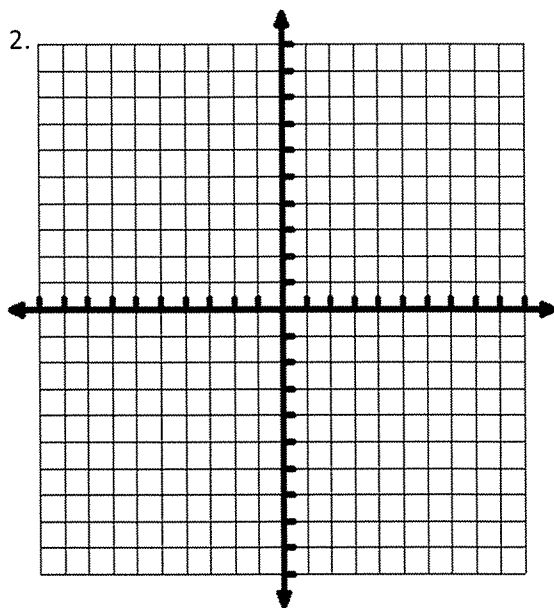
Graph each absolute value function.

1.



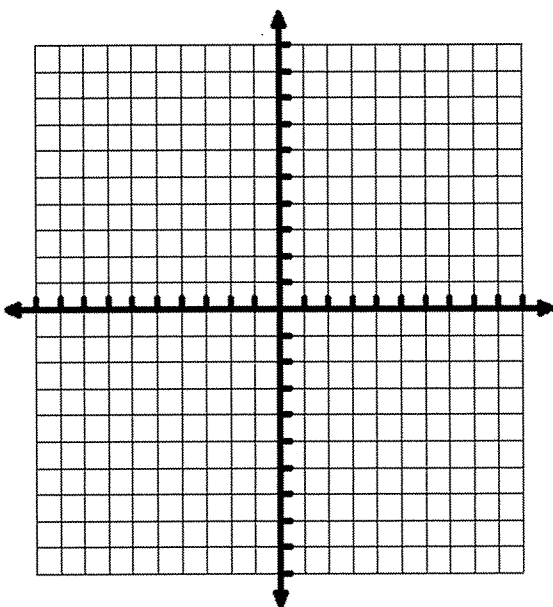
$$y = \frac{2}{5}|x-5| + 7$$

2.



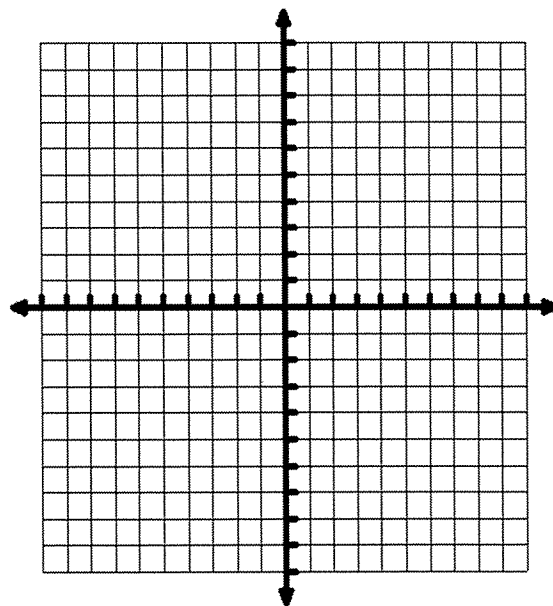
$$y = -\frac{3}{4}|x+4| - 6$$

3.



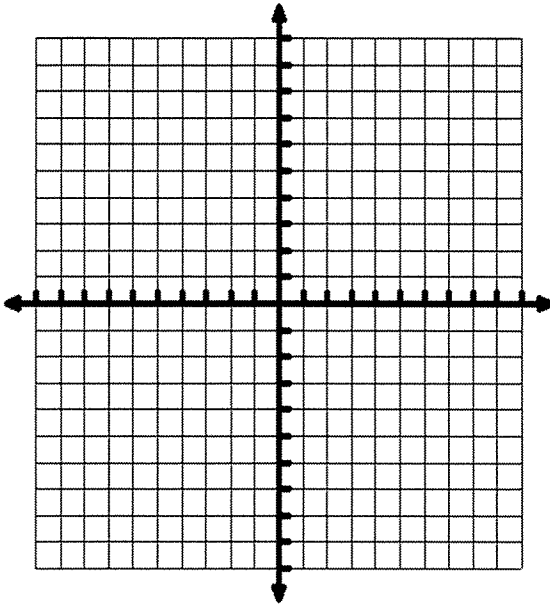
$$y = \frac{1}{2}|x-2| - 4$$

4.



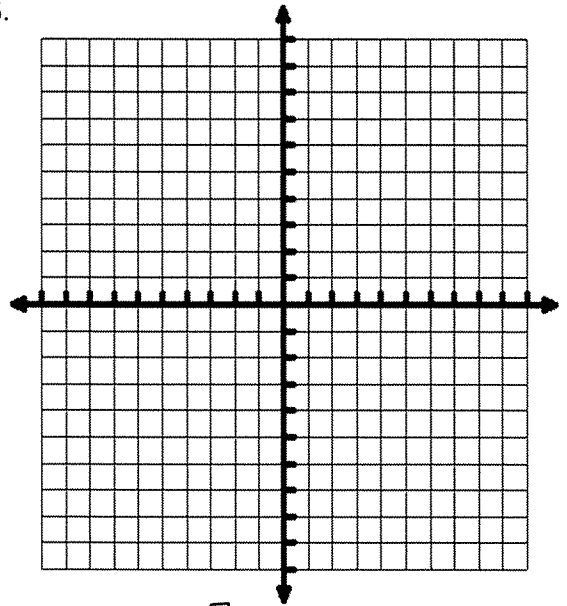
$$y = -\frac{2}{3}|x+3| + 4$$

5.



$$y = [x - 2]$$

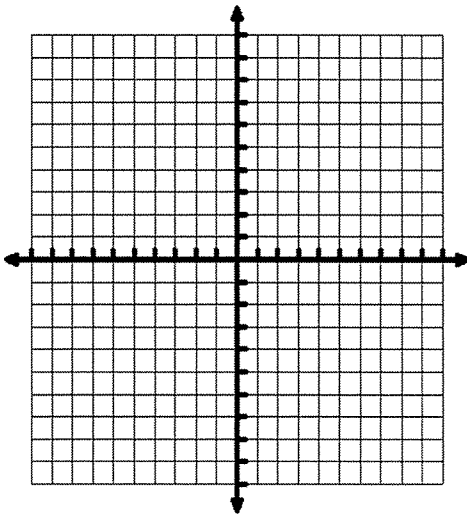
6.



$$x = [y + 1]$$

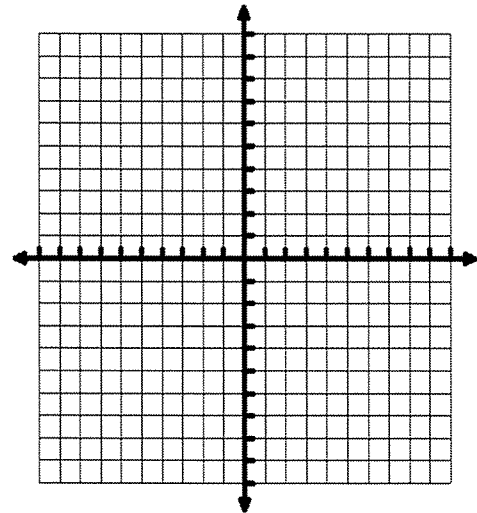
Is this a function?

7.



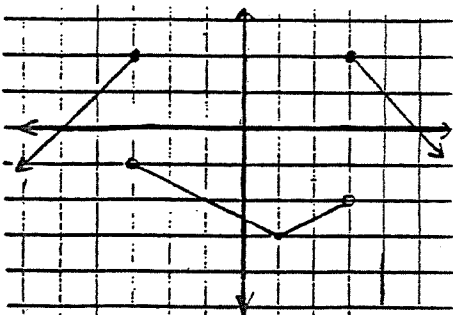
$$y = |x - 4| + 2$$

8.



$$3y - 12 = -2|x + 2|$$

9. Write the equation of the piecewise function.



10. In the general form $y = a|x - h| + k$, how does each value affect the graph of an absolute value function?