

Math II

Name _____

Graphing Absolute Value Transformations

Graph each absolute value equation and name the indicated properties.

1. $y = |x - 2| + 3$

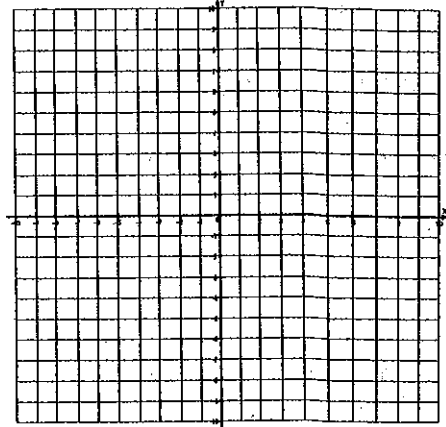
Vertex: _____

Domain: _____ Range: _____

Increasing interval: _____

Decreasing interval: _____

Describe the transformations:



2. $y = 3|x - 4| + 1$

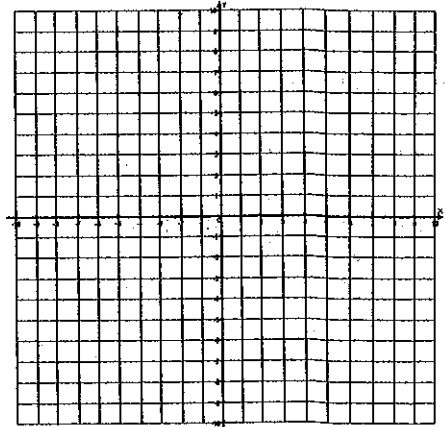
Vertex: _____

Domain: _____ Range: _____

Increasing interval: _____

Decreasing interval: _____

Describe the transformations:



3. $y = -|x + 3| + 5$

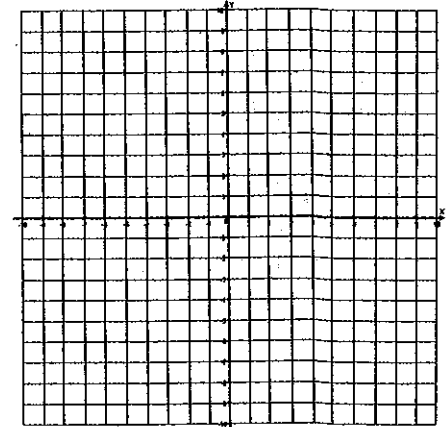
Vertex: _____

Domain: _____ Range: _____

Increasing interval: _____

Decreasing interval: _____

Describe the transformations:



4. $y = -2|x+1|+4$

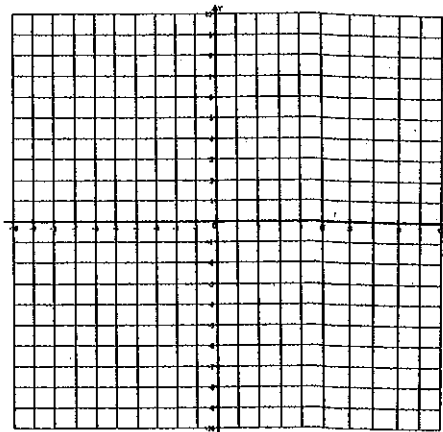
Vertex: _____

Domain: _____ Range: _____

Increasing interval: _____

Decreasing interval: _____

Describe the transformations:



5. $y = \frac{1}{2}|x|-6$

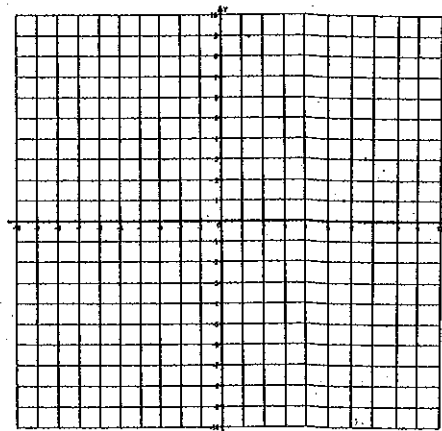
Vertex: _____

Domain: _____ Range: _____

Increasing interval: _____

Decreasing interval: _____

Describe the transformations:



6. $y = -|x+4|-1$

Vertex: _____

Domain: _____ Range: _____

Increasing interval: _____

Decreasing interval: _____

Describe the transformations:

