

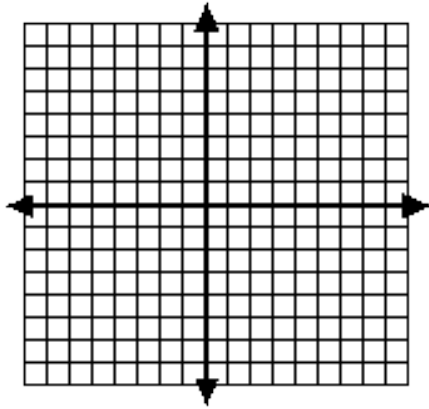
Algebra 2
2.6 Homework #1

Name: _____

Graph each absolute value function. Then determine the domain and range.

1. $f(x) = 2|x|$

x	y



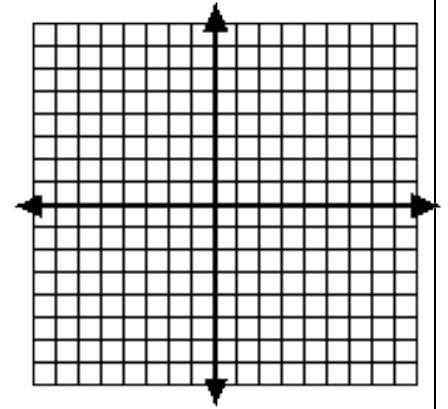
Vertex:

Domain:

Range:

2. $f(x) = |x + 5|$

x	y



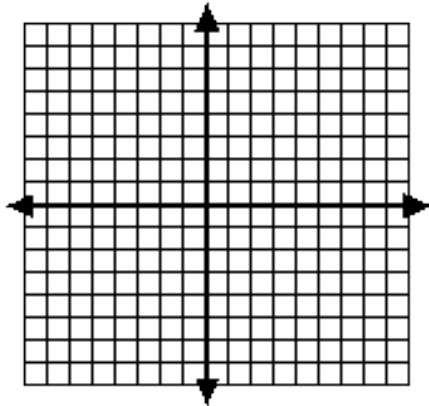
Vertex:

Domain:

Range:

3. $f(x) = |x| - 4$

x	y



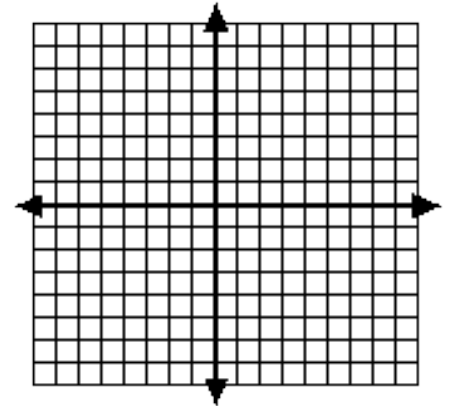
Vertex:

Domain:

Range:

4. $f(x) = |2x - 4|$

x	y



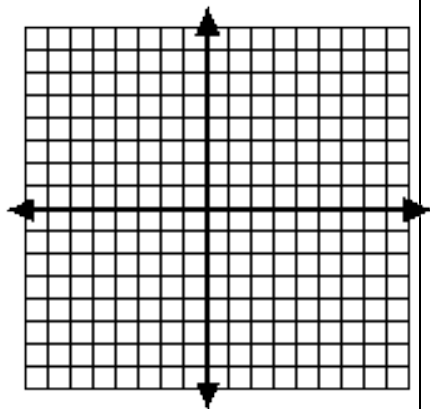
Vertex:

Domain:

Range:

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

x	y



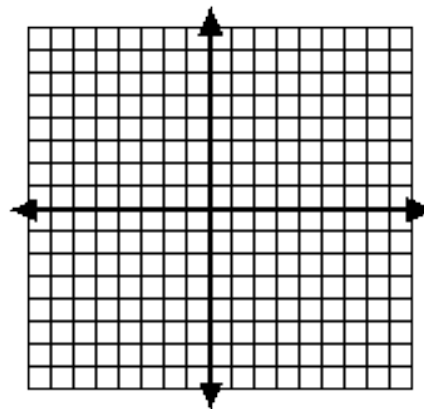
Vertex:

Domain:

Range:

6. $f(x) = |2x| + 1$

x	y



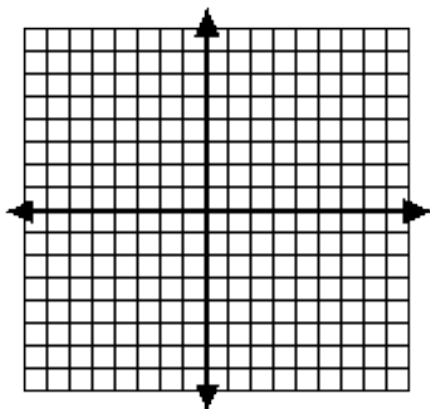
Vertex:

Domain:

Range:

7. $f(x) = |x - 2| + 3$

x	y



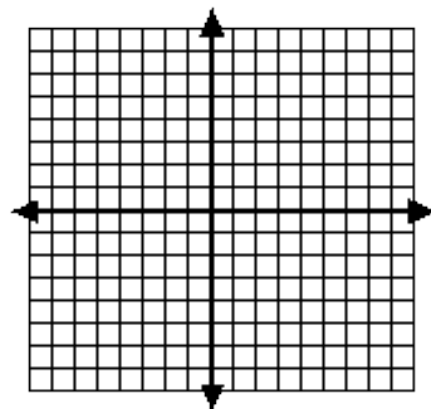
Vertex:

Domain:

Range:

8. $f(x) = |2x - 4| + 2$

x	y



Vertex:

Domain:

Range:

Solve.

9. $2|x - 2| + 4 = 12$

