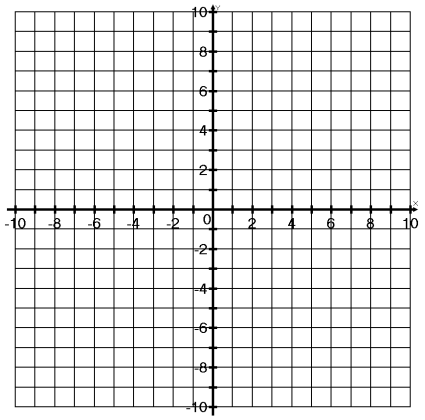
Honors Algebra II ***Name*** _____

Graphing Absolute Value Functions

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



Vertex: AoS:

Domain: Range:

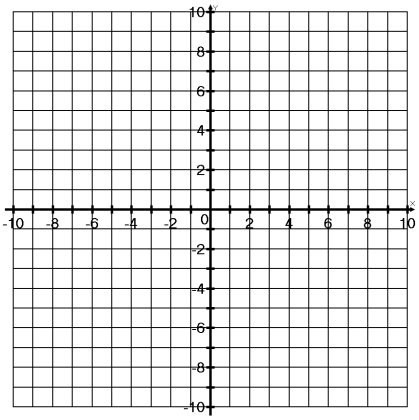
Max: Min:

Int of Inc: Int of Dec:

X-Int: Y-Int:

End Behavior:

2) $g(x) = |x + 1|$



Vertex: AoS:

Domain: Range:

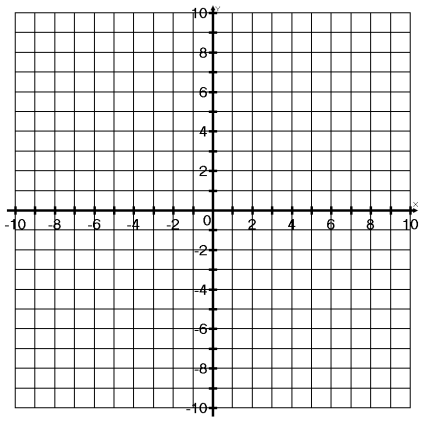
Max: Min:

Int of Inc: Int of Dec:

X-Int: Y-Int:

End Behavior:

3) $h(x) = -2|x| + 5$



Vertex: AoS:

Domain: Range:

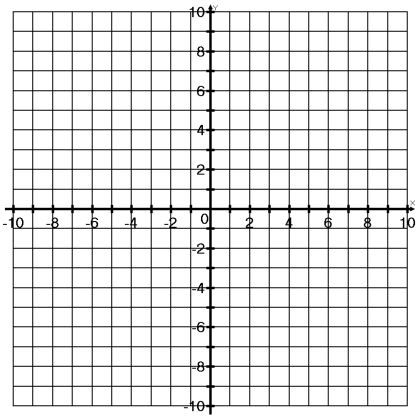
Max: Min:

Int of Inc: Int of Dec:

X-Int: Y-Int:

End Behavior:

4) $f(x) = \frac{2}{3}|x - 3| - 4$



Vertex: AoS:

Domain: Range:

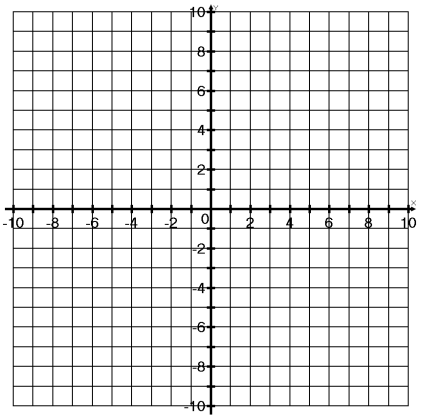
Max: Min:

Int of Inc: Int of Dec:

X-Int: Y-Int:

End Behavior:

5) $g(x) = -|3x + 6|$



Vertex: AoS:

Domain: Range:

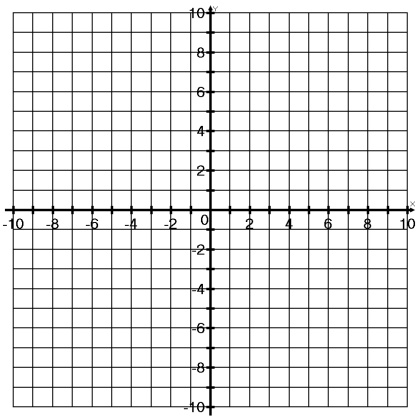
Max: Min:

Int of Inc: Int of Dec:

X-Int: Y-Int:

End Behavior:

6) $h(x) = \left|\frac{1}{2}x - 2\right| + 3$



Vertex: AoS:

Domain: Range:

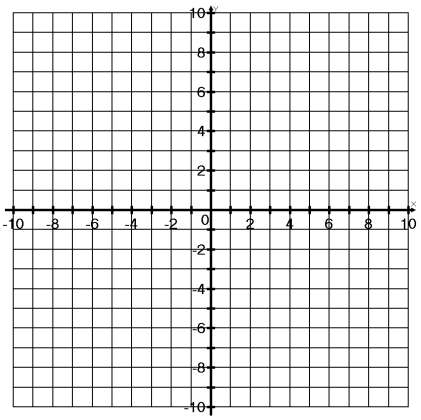
Max: Min:

Int of Inc: Int of Dec:

X-Int: Y-Int:

End Behavior:

7) $m(x) = \frac{1}{3}|2x - 8| - 2$



Vertex: AoS:

Domain: Range:

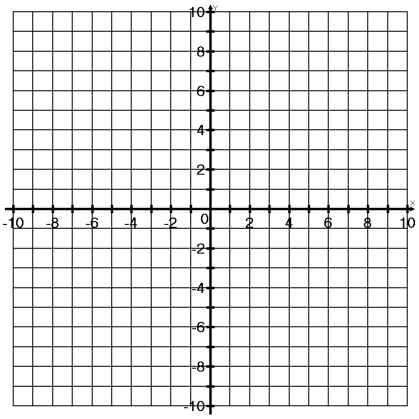
Max: Min:

Int of Inc: Int of Dec:

X-Int: Y-Int:

End Behavior:

8) $z(x) = -4\left|\frac{1}{3}x + 1\right| + 1$



Vertex: AoS:

Domain: Range:

Max: Min:

Int of Inc: Int of Dec:

X-Int: Y-Int:

End Behavior: