

Intermediate Algebra
4.6 Day 1 HOMEWORK

Name _____

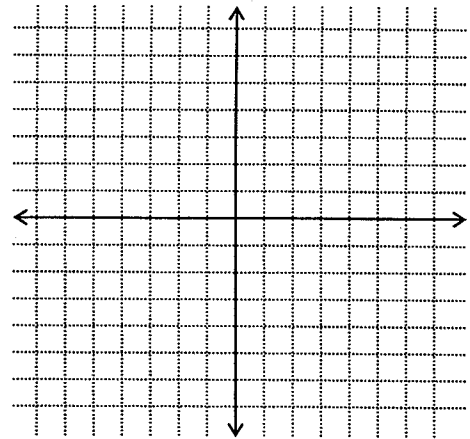
Be sure to plot the vertex and at least 4 other points.

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

Vertex: _____

x					
y					

↑
vertex



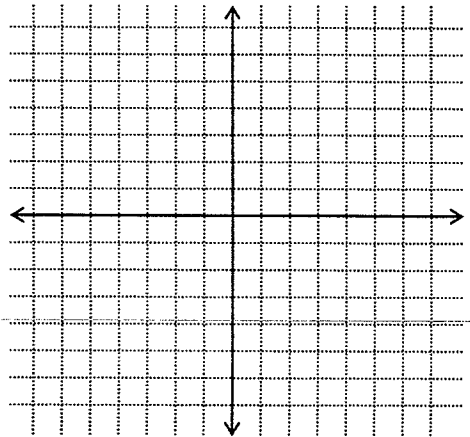
D: _____ R: _____

x-intercept: _____ y-intercept: _____

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

Vertex: _____

x					
y					



D: _____ R: _____

x-intercept: _____ y-intercept: _____

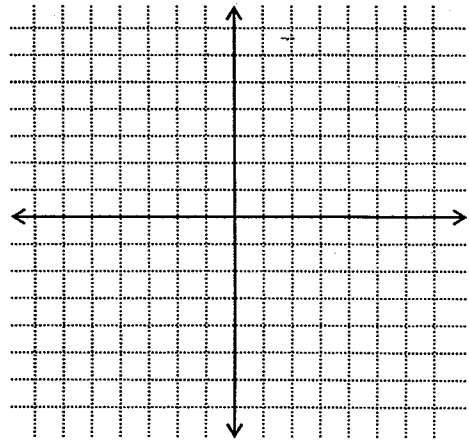
3. $f(x) = |x - 1| - 3$

Vertex: _____

x					
y					

D: _____ R: _____

x-intercept: _____ y-intercept: _____



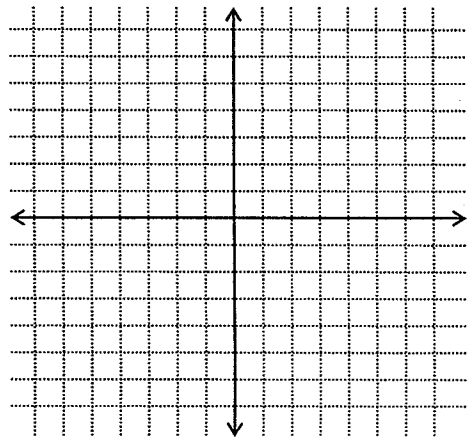
4. $f(x) = |x + 5|$

Vertex: _____

x					
y					

D: _____ R: _____

x-intercept: _____ y-intercept: _____



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

Vertex: _____

x					
y					

D: _____ R: _____

x-intercept: _____ y-intercept: _____

