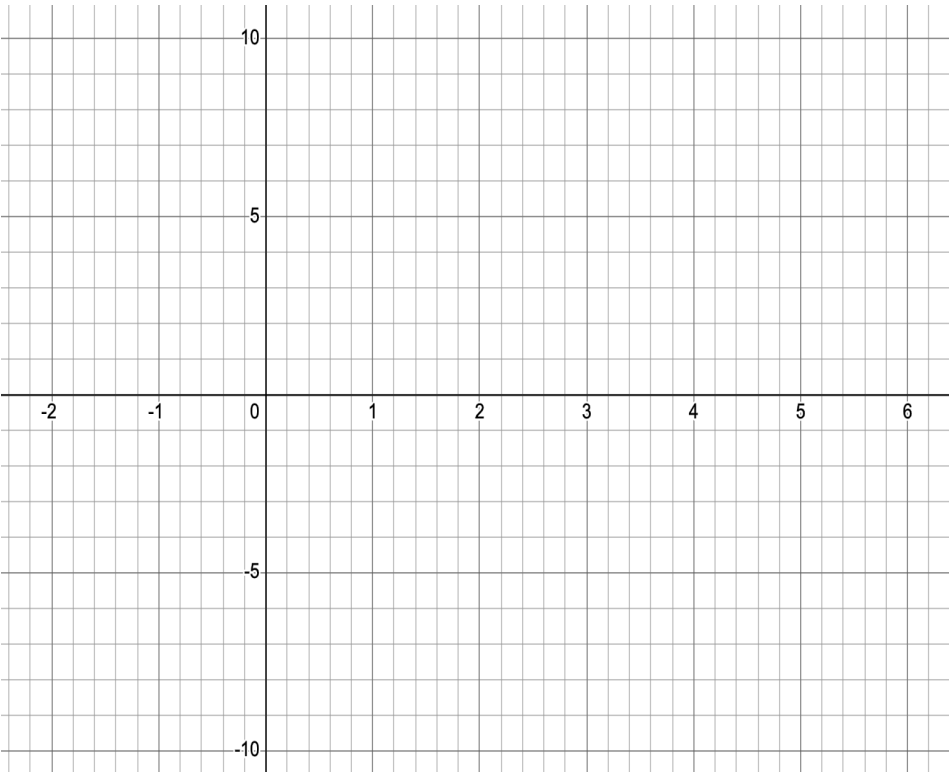Name _____ Block _____ Date _____

Graphing Parabolas

Graph the following parabolas. For each parabola determine: the **vertex**, **line of symmetry**, and **x-intercepts** and **y-intercept**. Find two additional points to graph a complete parabola.
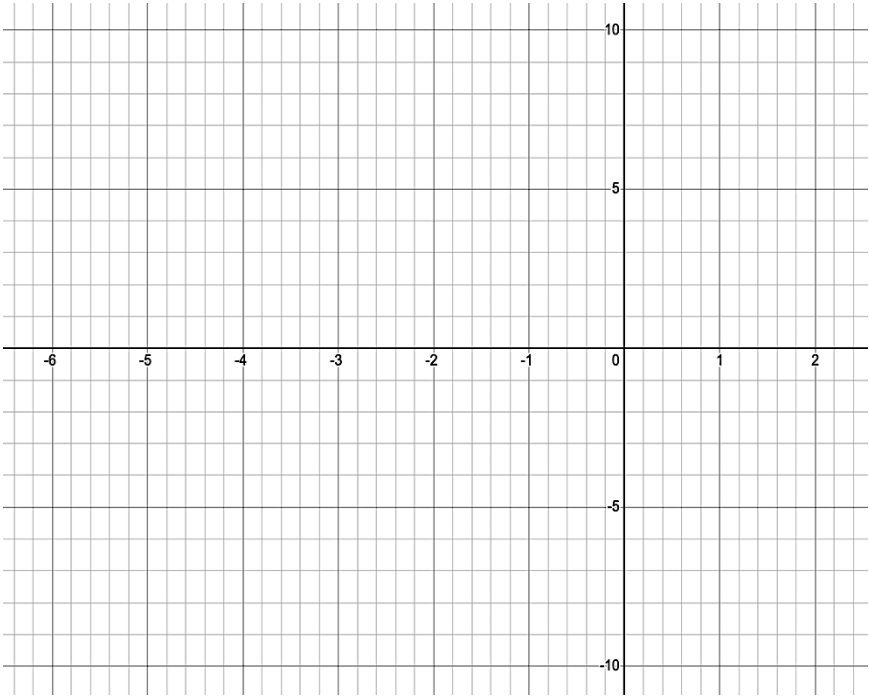
Graph 1
$y = x^2 - 4x - 5$

Up/Down	
y-intercept	
x-intercept(s)	
LOS	
Vertex	

Graph 2

$y = -x^2 - 4x + 5$

Up/Down	
y-intercept	
x-intercept(s)	
LOS	
Vertex	

Graph 3

$y = 4x^2 - 8x - 5$

Up/Down	
y-intercept	
x-intercept(s)	
LOS	
Vertex	