

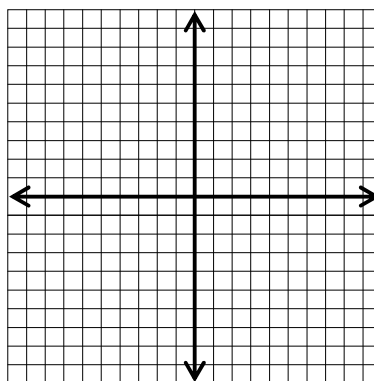
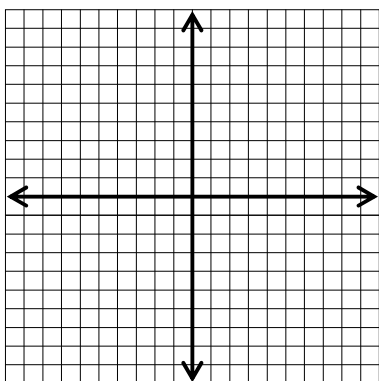
Pre-Calc
HW Day 1 on Parabolas

Name _____

Directions: Find the vertex, focus, directrix, and focal width for each of the following. Use that information to create a graph of each parabola.

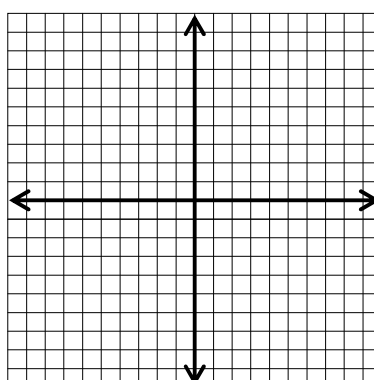
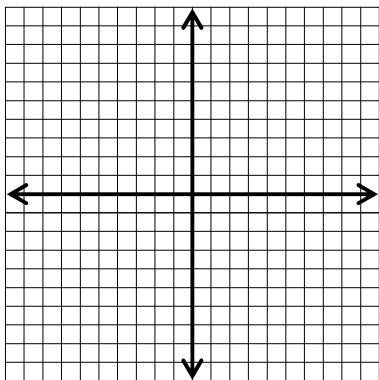
1) $x^2 = -8y$

2) $y^2 = -10x$



3) $(x+2)^2 = 12(y-1)$

4) $(x-2)^2 = -16(y+1)$



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

$$6) (y-5)^2 = 3(x+2)$$

