Quick Tips: Quadratic Function Graphs
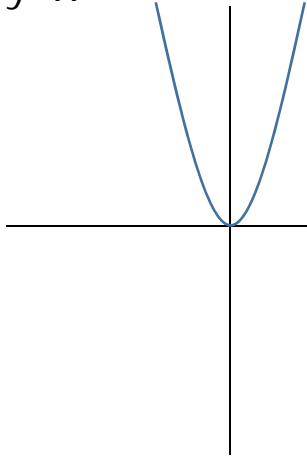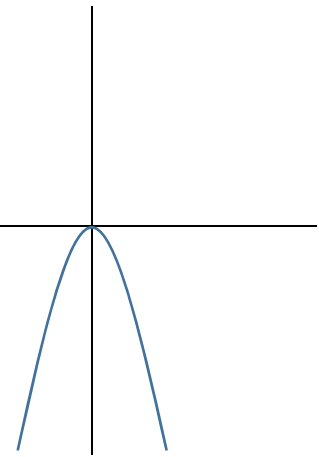
$y=x^2$
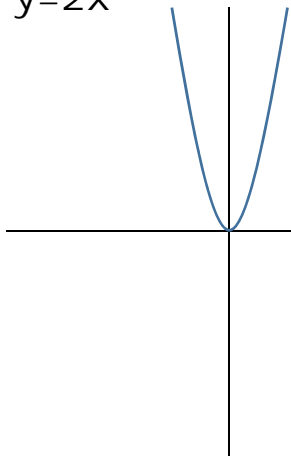
$y=-x^2$

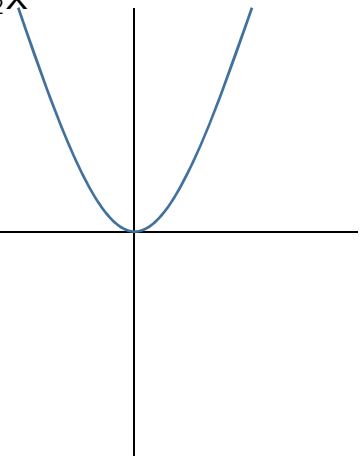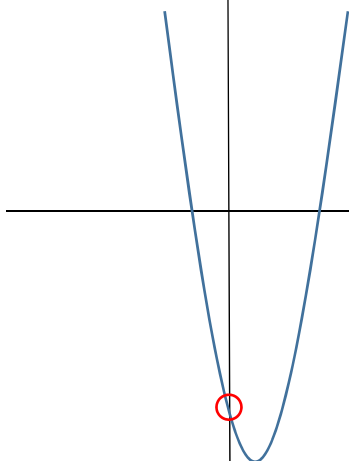Changing from x^2 to $-x^2$ flips the graph over the x-axis
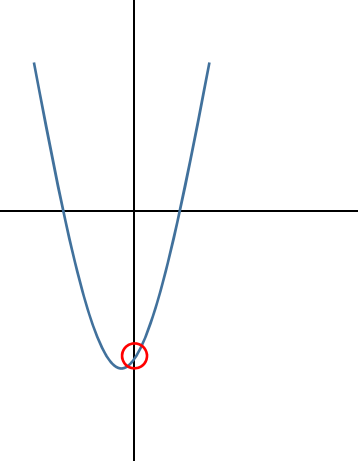
$y=2x^2$

$y=\frac{1}{2}x^2$

The larger the coefficient, the thinner the graph

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

$y=x^2-x-6$

The y-intercept is "c" (the number that doesn't have an x)