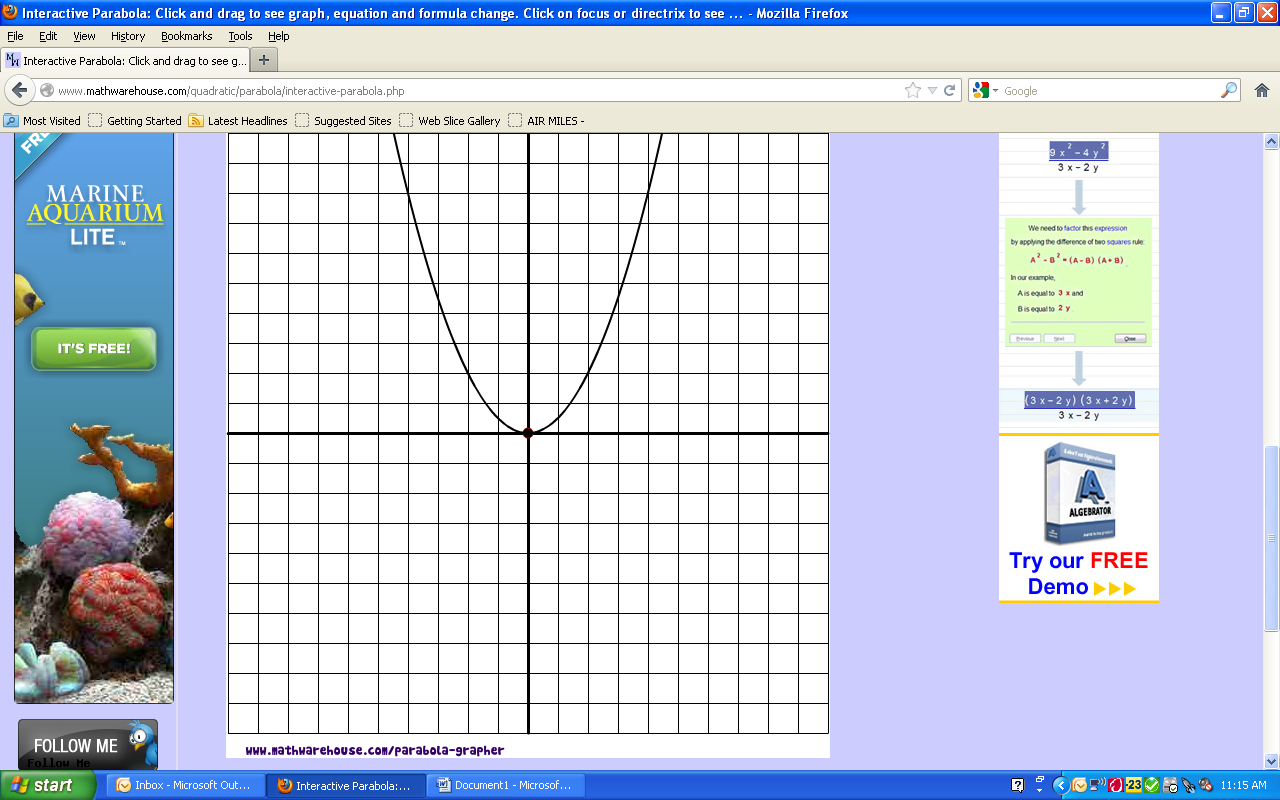
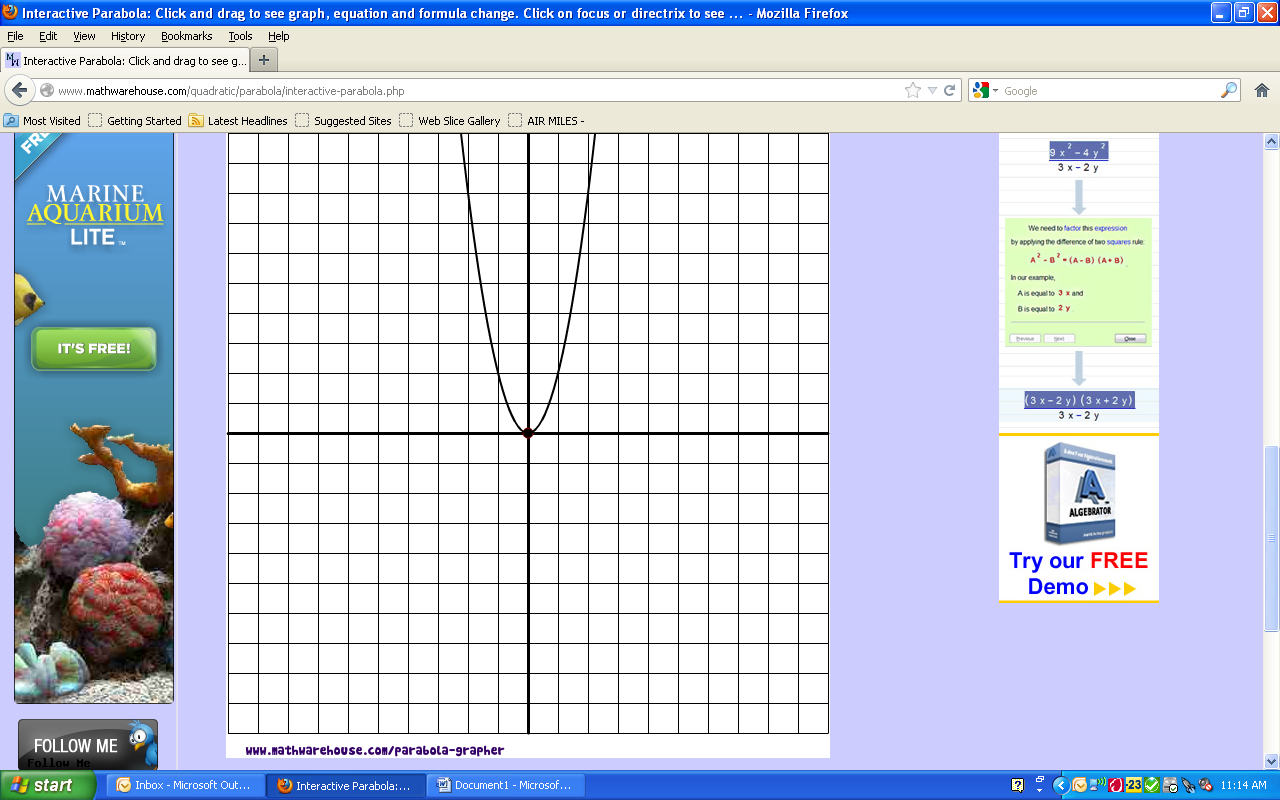
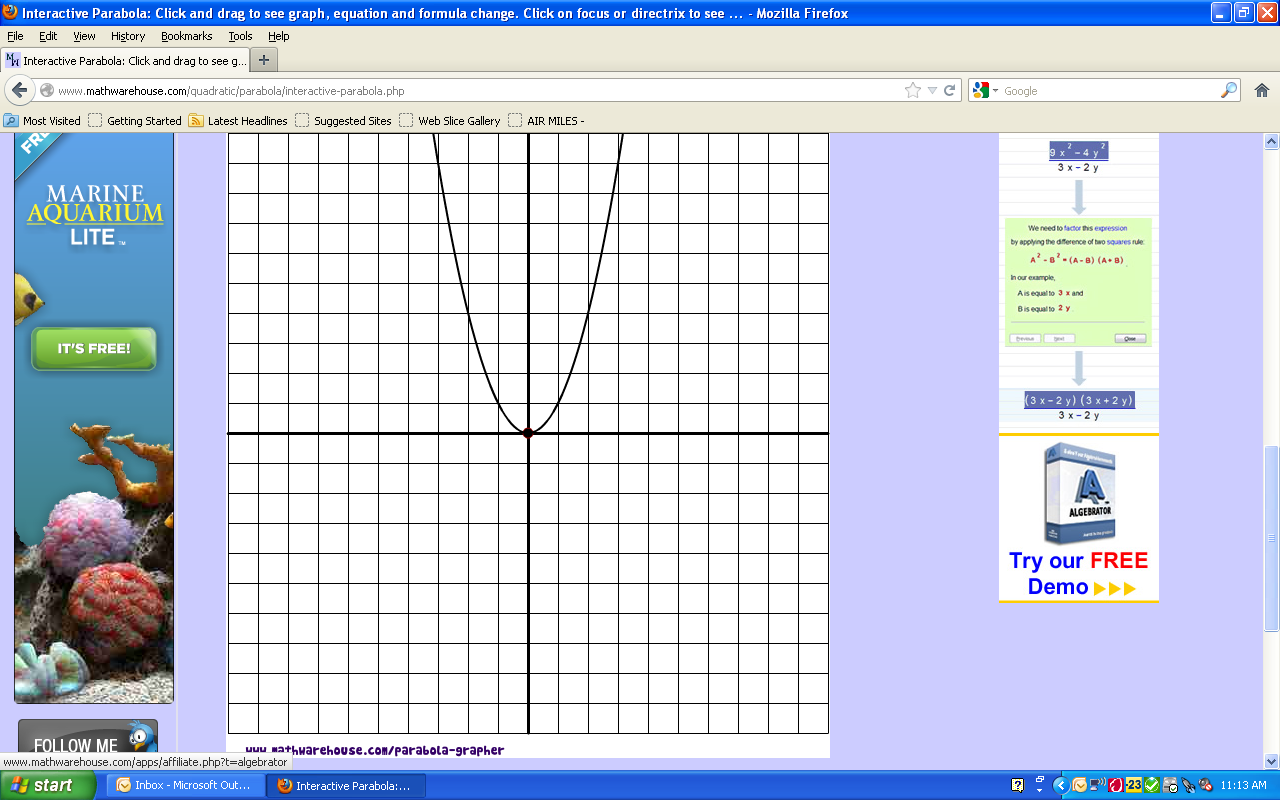
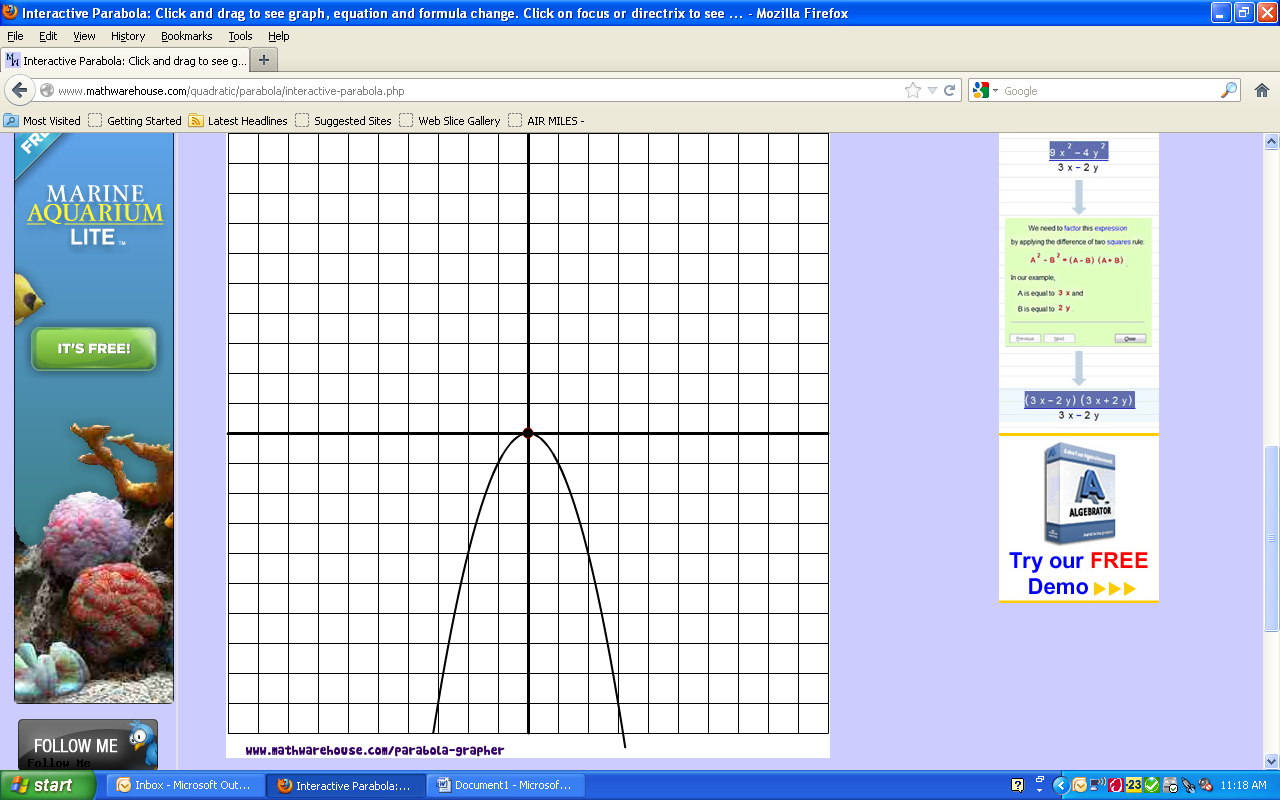
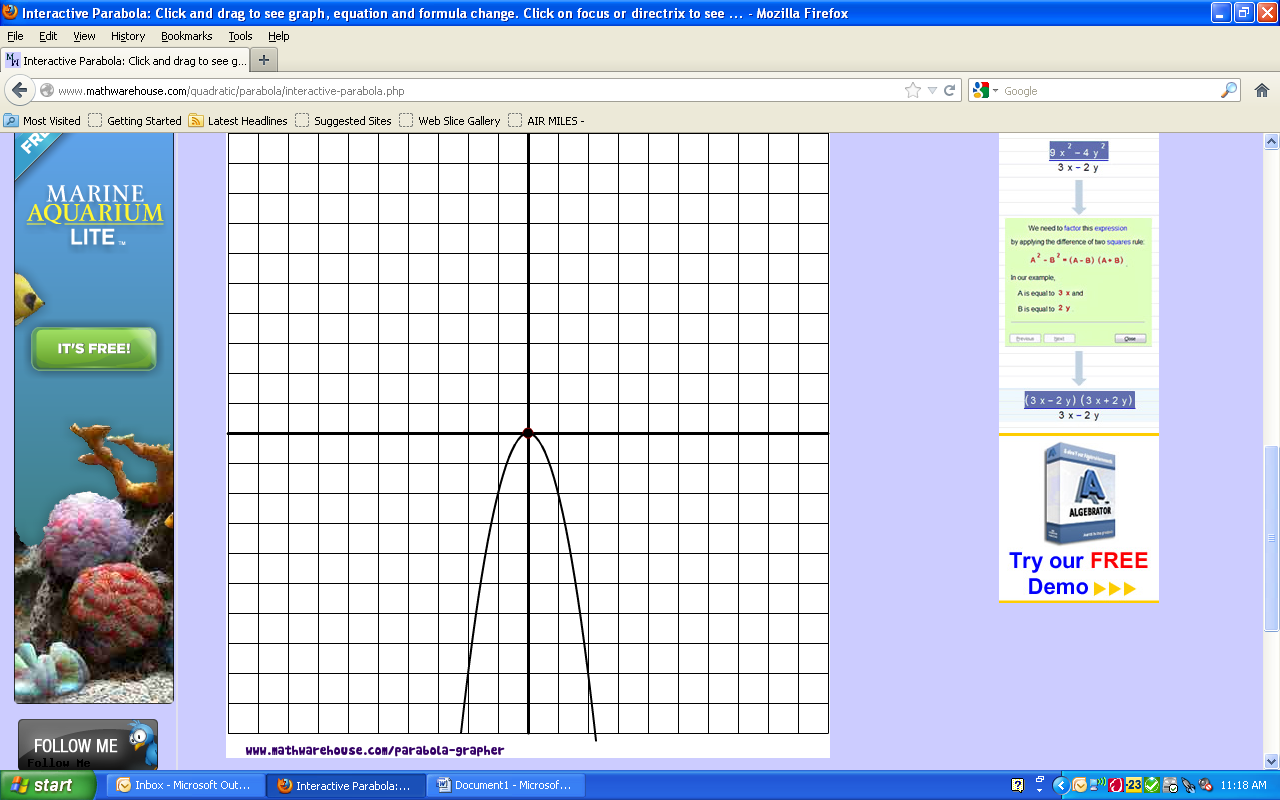
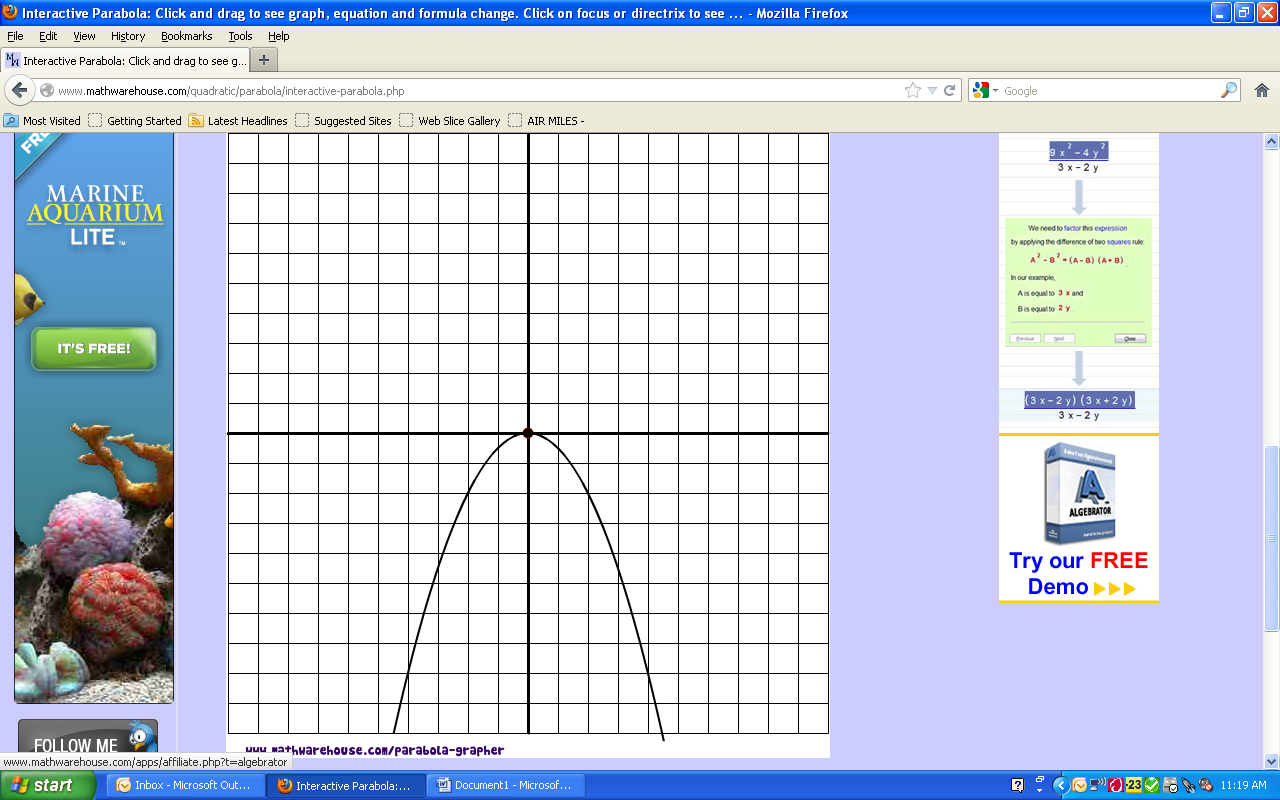
**3.1- Investigating Quadratic Function in Vertex form**

***Compare the three graphs and keep and eye on what changes in the equation below each graph (y = a(x-p)2):***

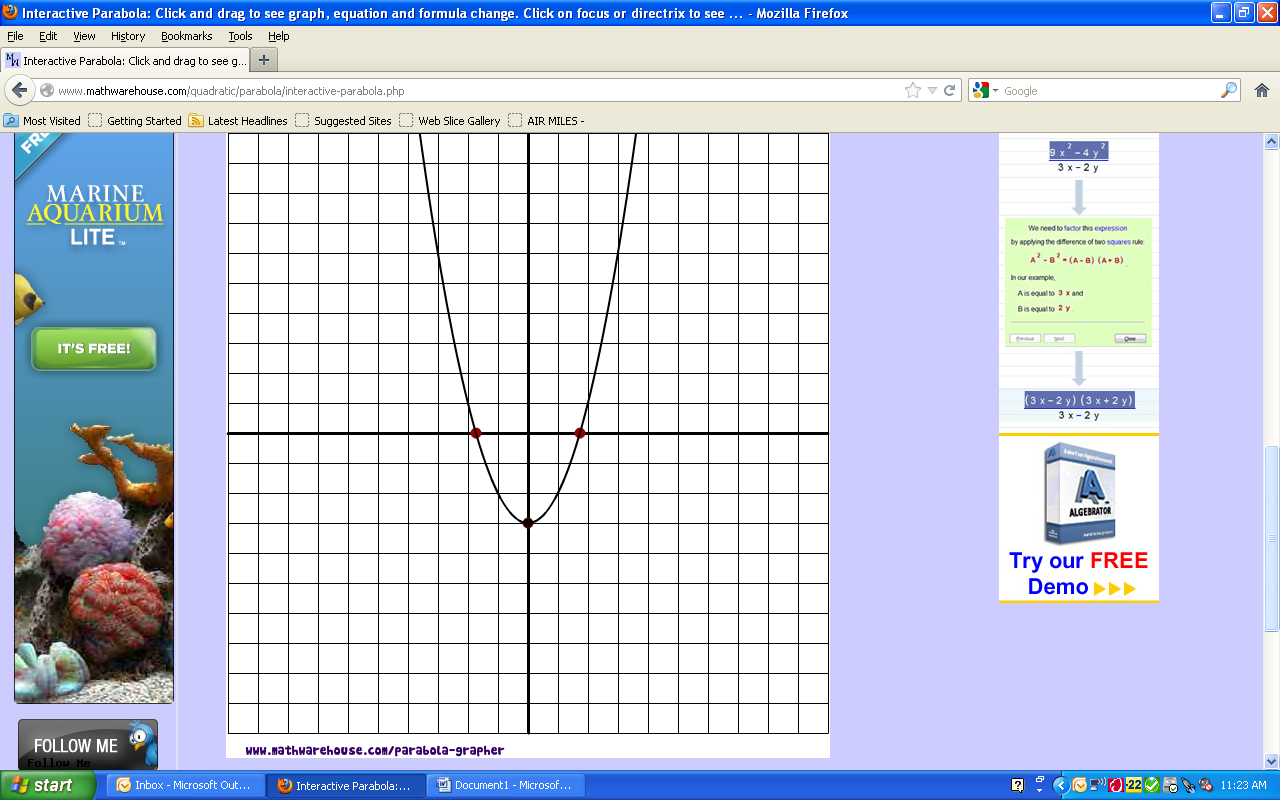
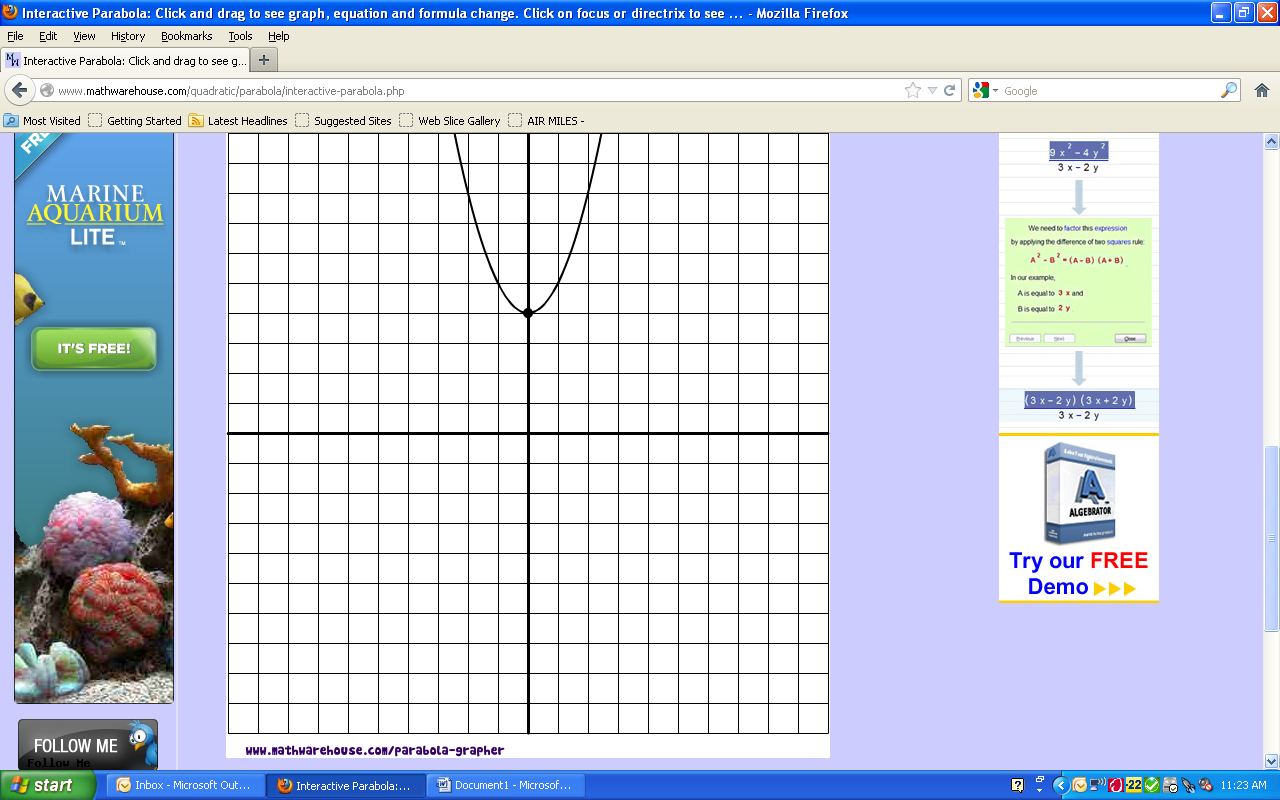
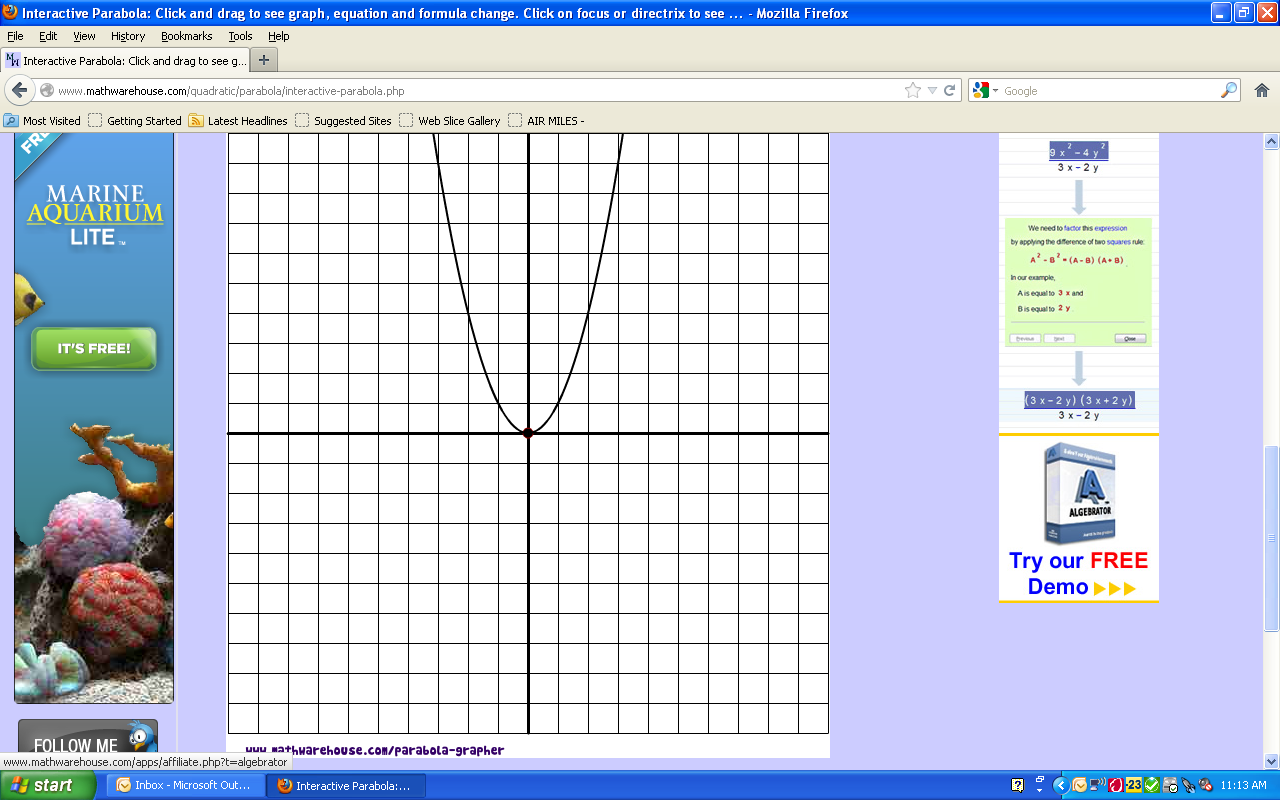


f(x) = f(x) = f(x) =

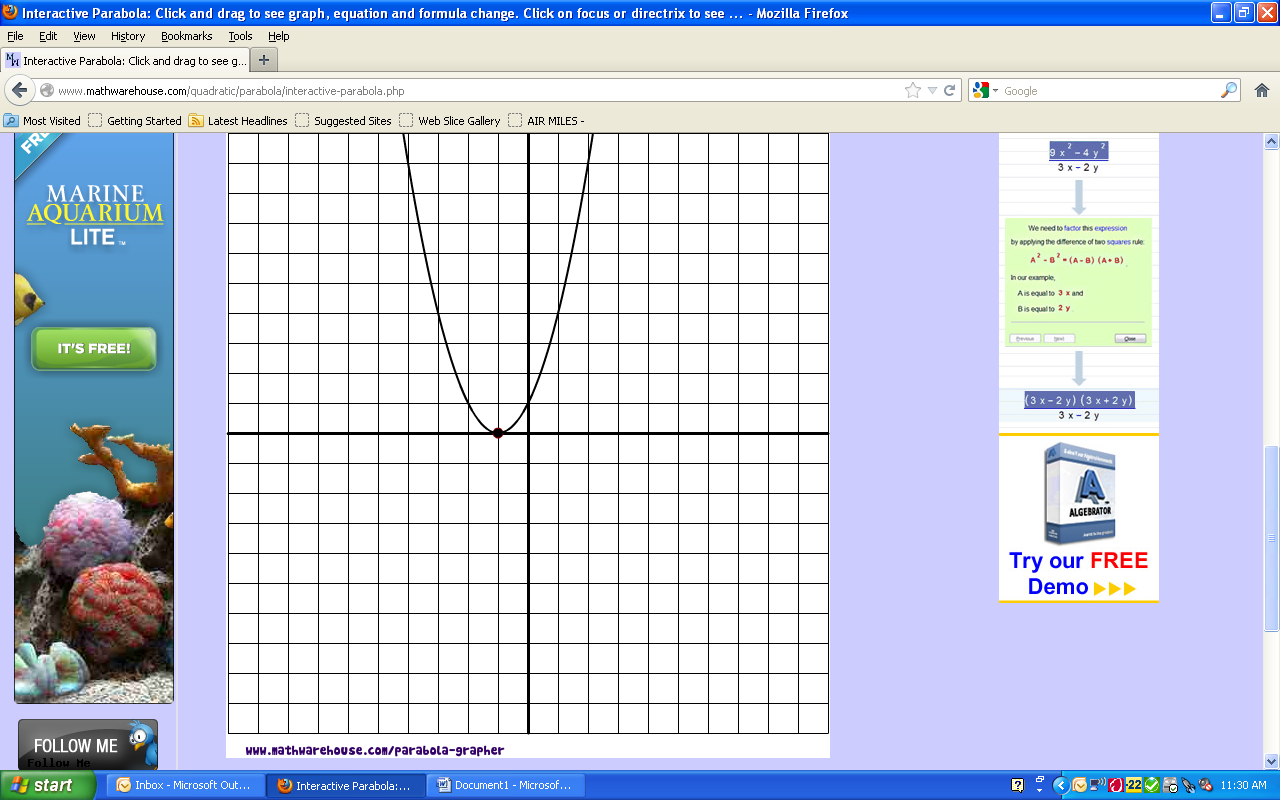
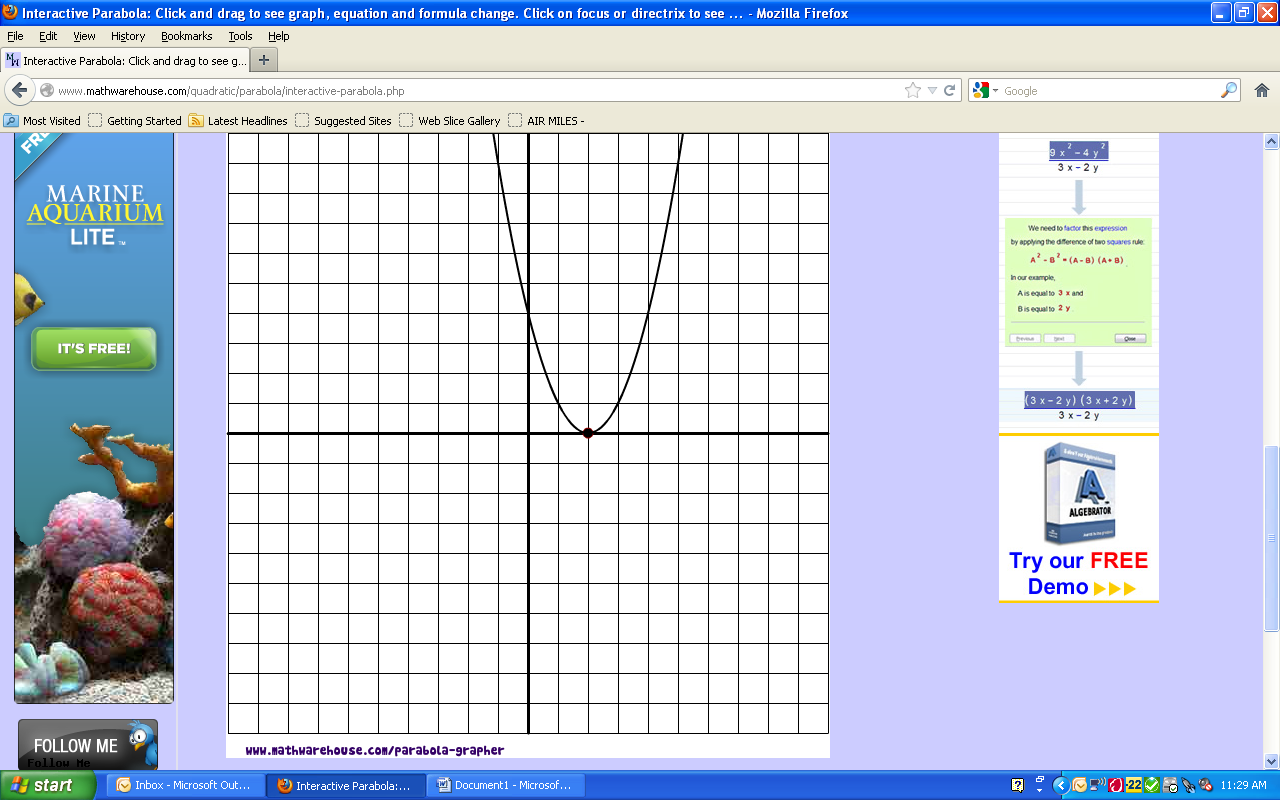
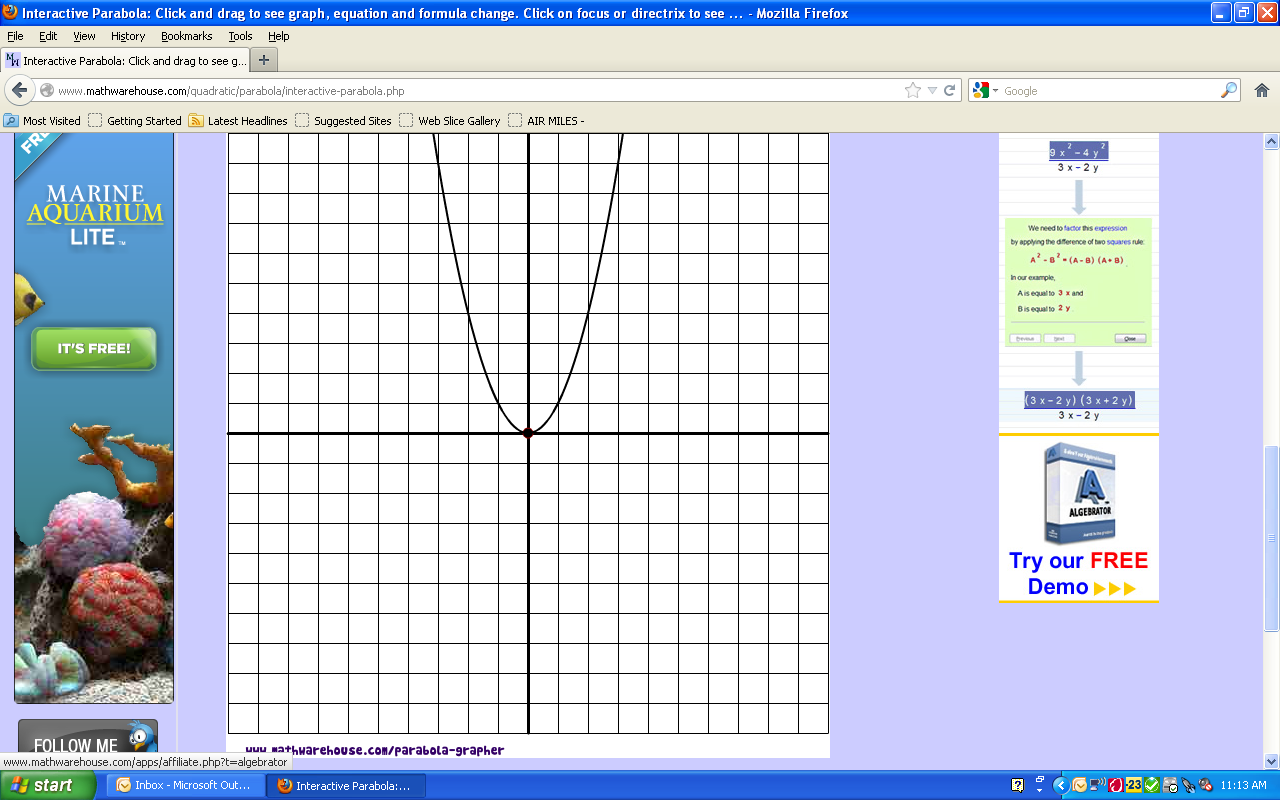
f(x) = - f(x)= - f(x) = -

What changes in the graphs?



f(x) = f(x) = f(x) =

What changes in these graphs?



f(x) = f(x) = f(x) = (

What changes in these graphs?