

MasterMath

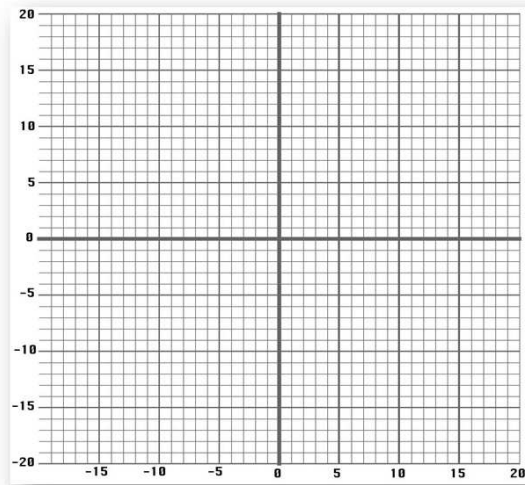
Graph Quadratics: Part 1

Name _____

Date _____

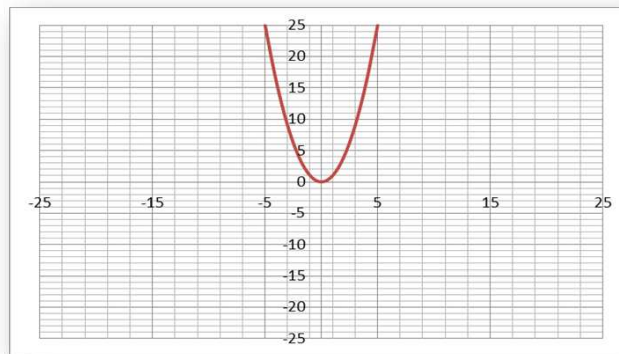
1. Please graph $y = 2x^2 + 3$

x	y



2. Referring to $y = 2x^2 + 3$, and the graph in Question #1, describe how the equation and the graph varies from the parent. If appropriate, describe any Vertical Stretch or Vertical Shrink.

3. This is a graph of $y = x^2$. Draw your estimate of the graph of $y = .25x^2 - 1$.



4. This is a graph of $y = x^2$. Draw your estimate of the graph of $y = -2x^2 + 6$

