

Name: _____

Date: _____

Basic Skills

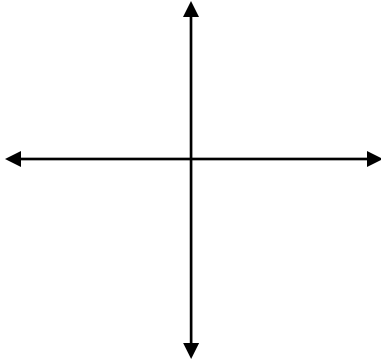
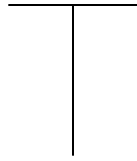
Graphing Quadratic Equations

Graph the quadratic equation. Find the A.O.S., Vertex, and T-Chart.

1. $y = -3x^2$

A.O.S.: $x = \underline{\hspace{2cm}}$

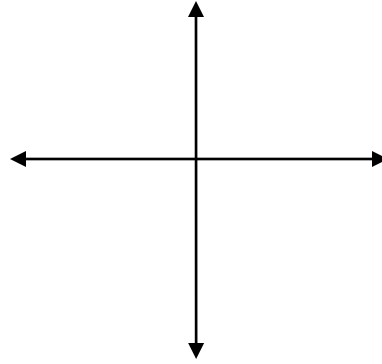
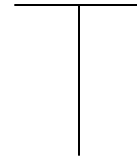
Vertex: ($\hspace{1cm}$, $\hspace{1cm}$)



2. $y = 4x^2 + 8x$

A.O.S.: $x = \underline{\hspace{2cm}}$

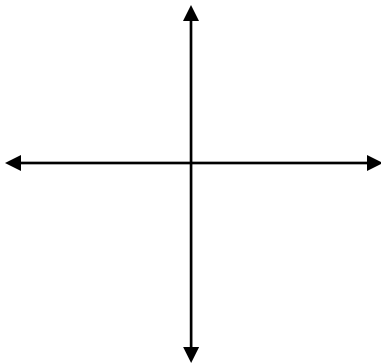
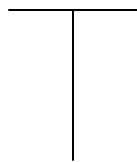
Vertex: ($\hspace{1cm}$, $\hspace{1cm}$)



3. $y = -x^2 + 4x - 2$

A.O.S.: $x = \underline{\hspace{2cm}}$

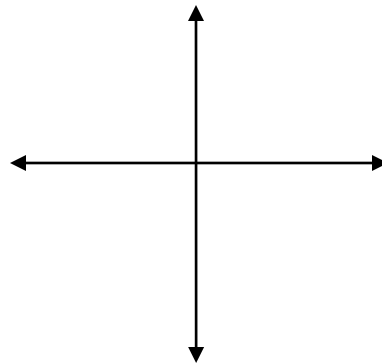
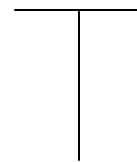
Vertex: ($\hspace{1cm}$, $\hspace{1cm}$)



4. $y = x^2 + 8x + 16$

A.O.S.: $x = \underline{\hspace{2cm}}$

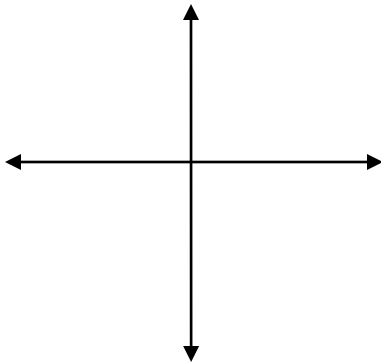
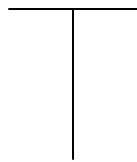
Vertex: ($\hspace{1cm}$, $\hspace{1cm}$)



5. $y = -x^2 + 6x - 9$

A.O.S.: $x = \underline{\hspace{2cm}}$

Vertex: ($\hspace{1cm}$, $\hspace{1cm}$)



6. $y = x^2 - 4x + 7$

A.O.S.: $x = \underline{\hspace{2cm}}$

Vertex: ($\hspace{1cm}$, $\hspace{1cm}$)

