

Name _____ Block _____ Date _____

Graphing Parabolas

Graph the following parabolas. For each parabola determine: the vertex, line of symmetry, x-intercepts and y-intercept. Find two additional points to graph a complete parabola. All the Key Features should be clearly visible on your graphs.

$$y = x^2 - 2x - 3$$

$$y = 2x^2 - 4x - 6$$

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

$$y = -2x^2 + x + 10$$

$$y = 4x^2 + 8x - 5$$