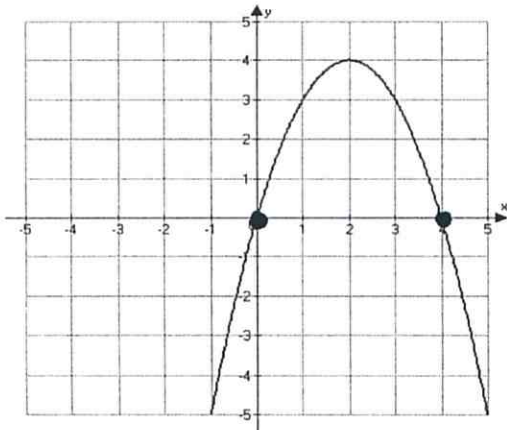
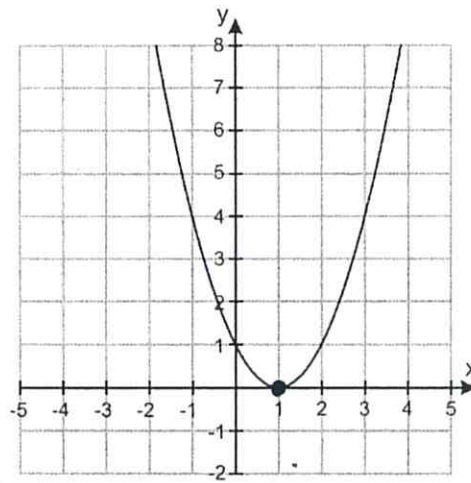


7.) Identify the zero(s) of the quadratic function.



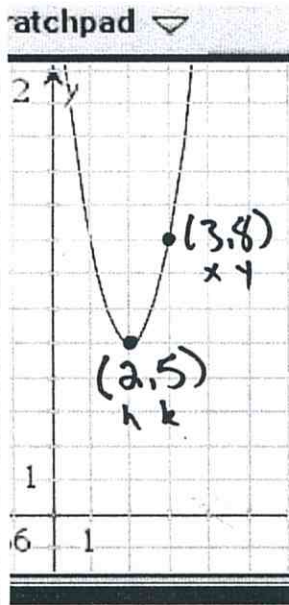
0 and 4

8.) Identify and label the zero(s) of the quadratic function.



1

9.) Write the equation for the quadratic function in vertex form. (Hint: Don't forget about "a"!)



$$y = 3(x - 2)^2 + 5$$

10.) Use your calculator to find the values for the following quadratic function. Then sketch the parabola.

$$f(x) = -\frac{1}{4}(x + 2)^2 + 3$$

Vertex: $(-2, 3)$

Axis of Symmetry: $x = -2$

Zeros: -5.46 and 1.46

y-int.: $(0, 2)$

