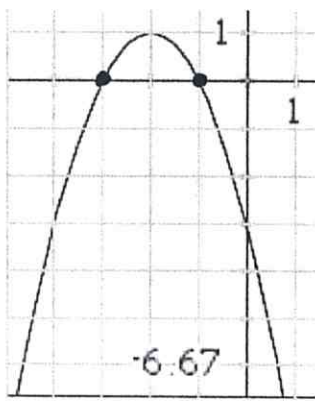
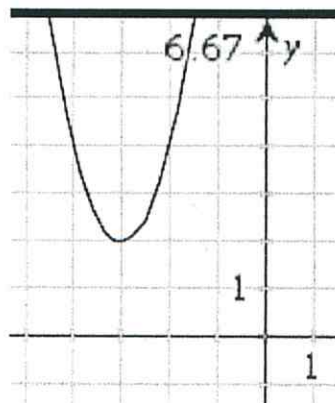


7.) Identify the zero(s) of the quadratic function.



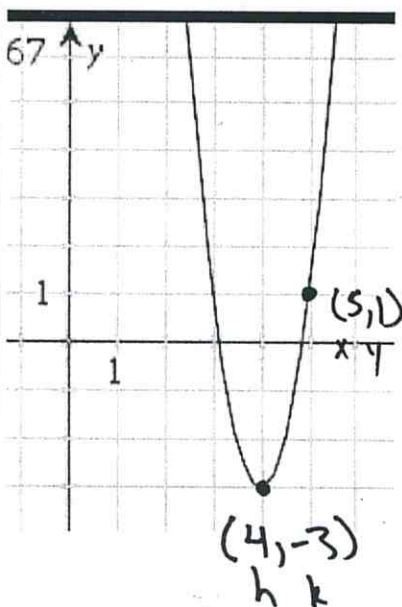
-3 and -1

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



None

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



$(4, -3)$
h k

$$y = 4(x - 4)^2 - 3$$

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

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

Vertex: (1, -1)

Axis of Symmetry: $x = 1$

Zeros: -0.225 and 2.22

y-int.: (0, -0.333)

