

M\$5 Homework 35

A small rocket is launched from a height of 72 feet. The height of the rocket in feet, h , is represented by the equation $h(t) = -16t^2 + 64t + 72$, where $t = \text{time}$, in seconds.

- a. Graph and label the equation on the accompanying grid.
- b. Use your graph to determine the number of seconds that the rocket will remain at or above 100 feet from the ground.

