

Worksheet

A small ball is thrown straight upward, the height, measured in feet, is a function of time, i.e. $h(t) = -1.6t^2 + 10t + 0.6$.

Q1: Draw a graph of this function from $t = 1$ to $t = 5$ below.

Q2: What is the average velocity between $t = 2$ and $t = 3$?

Q3: Can you estimate the instantaneous velocity at $t = 2.5$?

Q4: Draw the trajectory of this ball below.