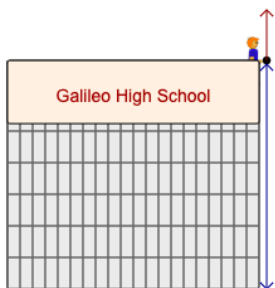# High School Toss (Level 1)

Step 1: Label all the information in the picture below and then fill out the chart showing the three variables that you know and the two variables you don't know for the ball traveling from the person's hand to its maximum height and back down to the surface of the planet.

Galileo High School

Δx	
v_i	
vf	
a	
t	

Step 2: Show your calculation for finding the speed of the ball when it reaches the ground and the time it took to reach the ground starting from the person's hand

Step 3: Fill in the chart for tracking the ball from the person's hand until it reaches its maximum height. Then show the calculation for finding that maximum height neatly below. Enter your answers into the program to make sure you did everything correctly

Δx	
v_i	
vf	
a	
t	