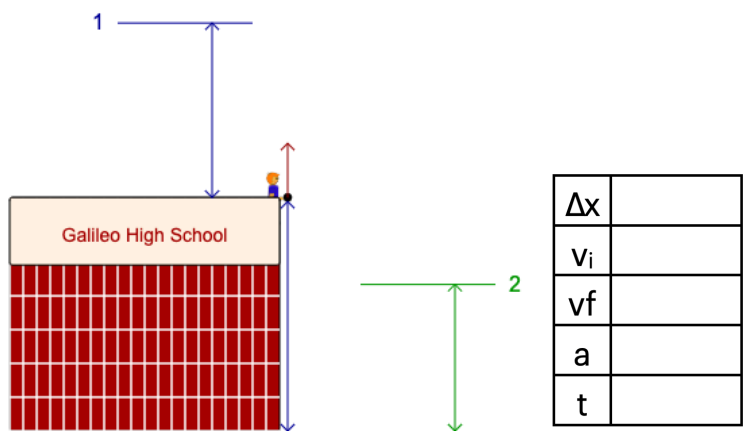# High School Toss (Level 2)

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 the position labeled 1 in the picture below. The ball is reaching position 1 on its way to its highest point. Show your calculations for finding the velocity of the ball at position 1

Δx	
v_i	
vf	
a	
t	

Step 2: Fill in the chart below for the ball leaving the person's hand, traveling to its highest height and then reaching the position labeled 2. Show your calculation for the velocity of the ball at position 2

Δx	
v_i	
vf	
a	
t	

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	