

Difference in Landing Locations

Step 1: Label all the information in the picture below



Step 2: Show your calculations for the time of fall for each ball neatly below

Step 3: Find the distance traveled by the ball fired to the right. Show your calculations neatly below

Step 4: Get the difference in landing location. Enter your answers into the program to make sure you did everything correctly

Step 5: What did you notice about the height of the two projectiles as they were moving? If you need to reload the program and put in random numbers and just watch the heights as the projectiles are moving toward the ground. What can we conclude from this?