## Speed of Horizontal Projectile

Step 1: Fill all your values into the picture below including the landing location of ball



Step 2: Fill in this chart to keep track of the variables that you know and the variables that you need to find. Then find the time of flight and the velocity when the projectile was first fired.
Show your work neatly below

| Horizontal | Vertical |
| :--- | :--- |
| $\Delta x$ | $\Delta y$ |
| $v$ | $v_{i}$ |
| $t$ | $v_{f}$ |
|  | a |

Step 3: Enter your answers into the program to make sure you did everything correctly

