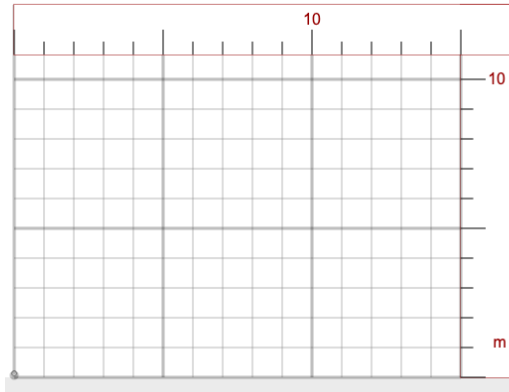


Finding Velocity in Ground to Wall Soccer Kick

Step 1: Click on the ball to kick it and then draw in the wall and the location of the ball when it strikes the wall. Then to the right of the picture, give the time of flight and the gravitational field of the planet where this ball is going to be kicked from



Step 2: Find the initial horizontal speed of the ball (v_x). Show your work neatly below.

Step 3: Find the initial vertical speed of the ball (v_y). Show your work below.

Step 4: Find the velocity (speed and direction) of the ball when it was kicked. Show your work below. Enter your answer into the program to make sure you did everything correctly.

