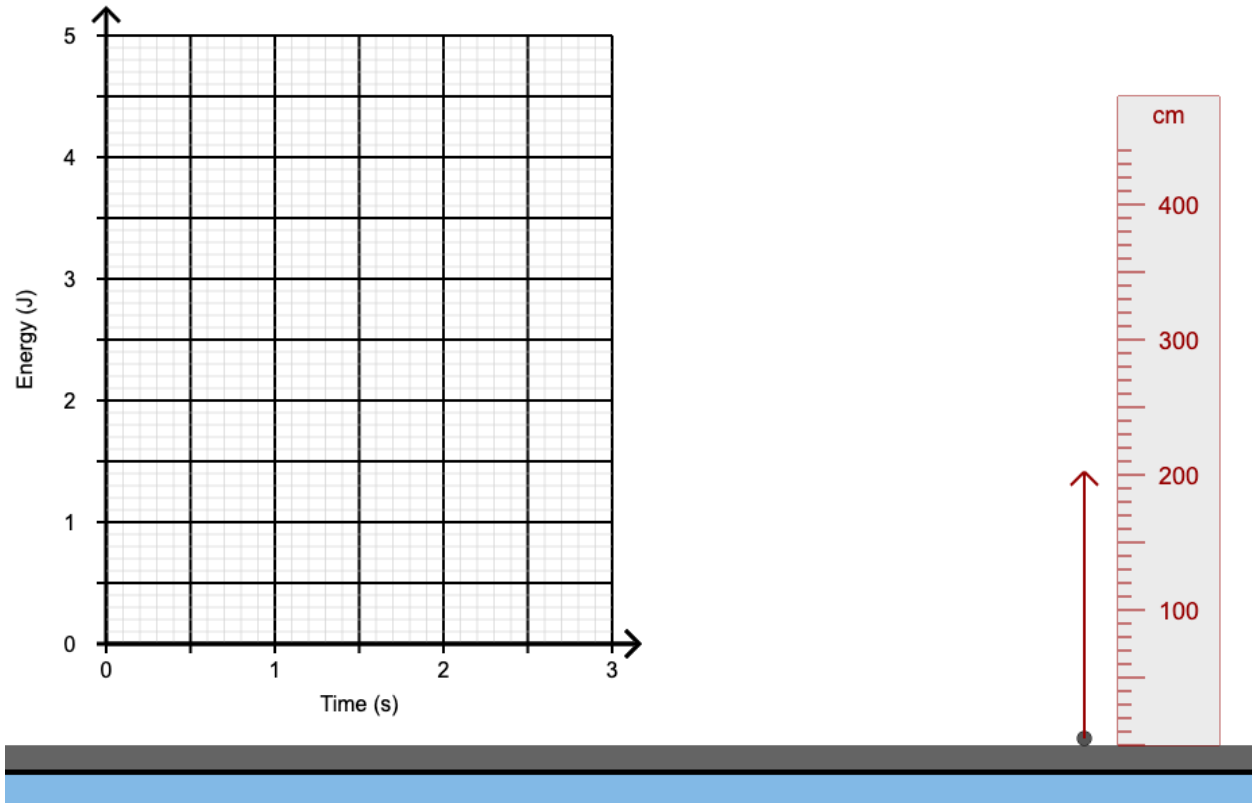


Energy on Vertical Toss

Step 1: Fill in all the values for your system. The mass of the ball, the gravitational field strength, and the initial velocity of the ball.



Step 2: Calculate the kinetic energy of the ball right as it is leaving the table. This will be the total energy of the system. Show all your work below

Step 3: Use energy conservation to find the maximum height your ball will reach. Show your calculations neatly below. Draw that line on the picture above. Enter your answers into your program to check that you did everything properly

Step 4: Draw in your graph