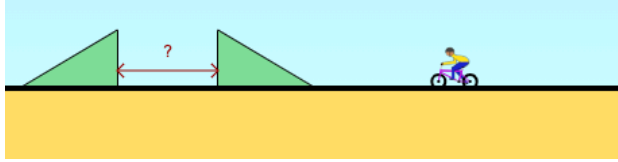


# Jumping Joey Simple with Energy

Step 1: In the picture below, put in the kinetic energy and mass of Joey and the angle of the ramp. Then find the velocity of Joey based on the kinetic energy and mass



Step 2: Find the components of your velocity vector as Joey is coming off the ramp. Show all the steps neatly below.

Step 3: Show the calculation that will allow you to find the time Joey spends in the air

Step 4: Show the calculation for the distance traveled by Joey while in the air. Enter your answers into the program to make sure you did everything correctly.