

Congratulations! You have found a hidden portal to earn 5 additional coins. This is only available through the Edpuzzle link for students completing this optional video step in Level 1. That is a total of 10 coins for these optional steps!

Earn 5 hidden coins by completing the following task using the Moving Man Simulation ([click here to launch](#)) or Google “Moving Man pHET”.

Familiarize yourself with the simulation and then click the charts tab in the upper left corner. Create the following motion, noting that all values specified are approximate:

From $x_0 = 0$ m, the moving man accelerates to the right a distance of 3 m and then decelerates to a stop. He moves back to the left at a constant speed passing x_0 and stopping at $x = -4$ m. Next, he accelerates to the right with a greater magnitude than segment 1 and runs into the wall.

Once you have created this motion; take a screenshot of the three charts displaying the motion and make sure the date is visible. Your screenshot **MUST** include the date and time on your device screen. Turn this into Canvas within 2 days of warping to this hidden portal.