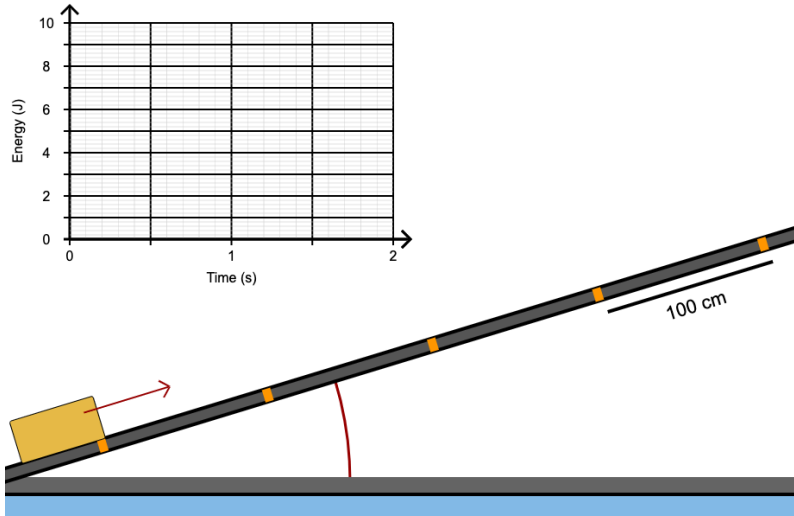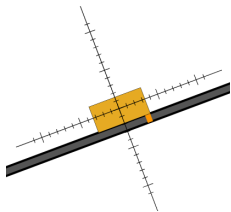# Energy on Incline Level 2

Step 1: Fill in all the important data for your block about to move up the ramp. In the space below also find the KE energy of the block as it is about to move up the incline. Work neatly.

Step 2: In the space below, show how you get the force of friction for the block on the incline. Show your work neatly below

Step 3: Show your calculation for finding the distance the block is able to slide up the incline before momentarily coming to rest. Enter this into your program to verify you did everything correctly.

Step 4: Using different colors fill in the graphs for KE, PEg, Heat (Q), and TE into the axes above