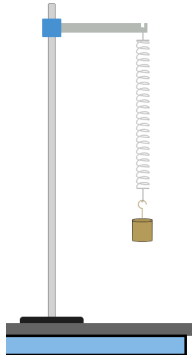# Vertical Oscillation with Timer

Step 1: Next to the picture below give the mass on the spring, the number of oscillations that you timed, and the amount of time those oscillations required

Step 2: Show the calculation that you used to find the frequency of oscillation in the space below

Step 3: Neatly show your calculation for the period of oscillation below

Step 4: Show the calculation for the spring constant of your spring and then enter your answers into the program to verify that you did everything correctly