## Spring Constant from Graph

Step 1: As neatly as possible, transfer your graph into the space below.


Step 2: Circle the two points on your graph that you will use to find the spring constant for the graph.

Step 3: Neatly show your work on how you found the spring constant from your two points. Make sure your final answer comes out in $\mathrm{N} / \mathrm{m}$. Enter your number into the program to see if you did all your work correctly.

Step 4: Show how you would find the y-intercept of the graph algebraically

Step 5: Show how you would get the unstretched length of the spring algebraically

