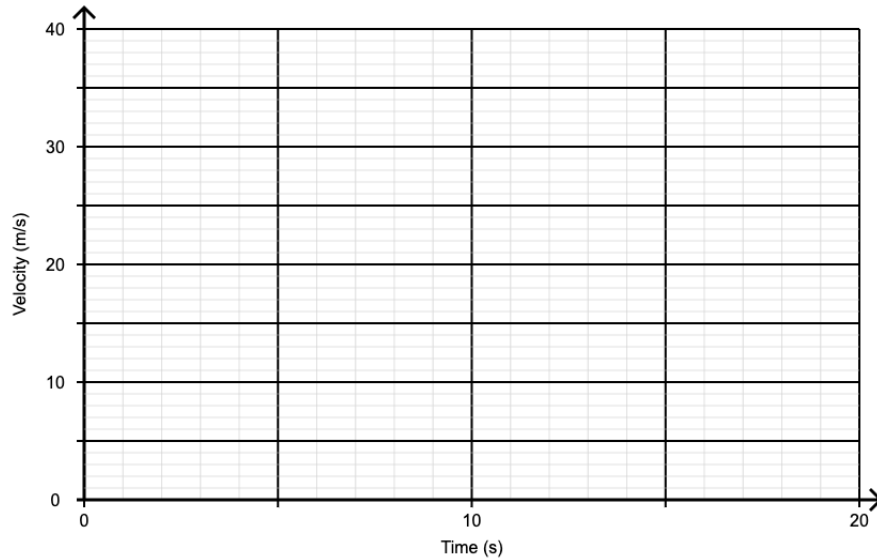# Prediction from Constant Acceleration Graph

Step 1: Carefully sketch your velocity vs. time graph on the axes below. Clearly show the region of your graph that is highlighted for analysis. Use the graph to determine the initial velocity (velocity at time = 0 s) and put that initial velocity to the right of the graph.

Step 2: Show the calculation for finding the acceleration of your object.

Step 3: Show all the work necessary to determine the displacement of your object during the region of the graph that is highlighted.   Enter the answers into your program to make sure you did everything correctly