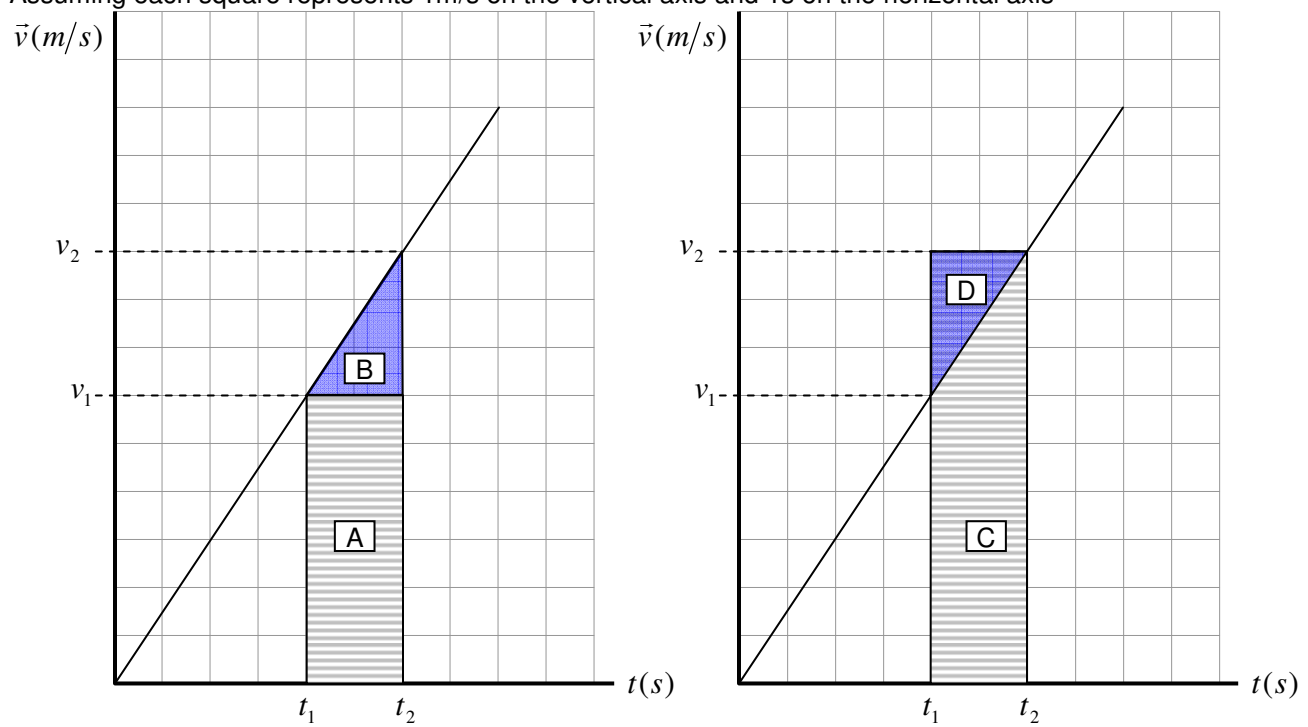


**Activity: Comparing Area of the Velocity vs. Time graph to our Kinematics formulas.**

Assuming each square represents 1m/s on the vertical axis and 1s on the horizontal axis



The displacement can be found by calculating the area beneath the velocity vs. time graph. However, there are formulas that accomplish the same task without having to draw these graphs