CLS 2 – Motion

Solve a problem using kinematics or graphical data to describe a body in motion.

2a: knowing the speed equation and solving different variables

2b: setting up a proper distance vs. time graph and being able to take the slope of the line

2c: knowing the acceleration equation and solving different variables $(a=(v_f-v_i)/t)$

2d: describe/Interpret a distance vs. time graph and a velocity vs. time graph

2e: describe motion given a graph of it

2f: define distinguish (discuss) acceleration distance displacement speed time slope constant average instantaneous