Unit 1: Kinematics in 1D  
Graphing Motion

**For v vs. t graph:**

* Slope =
* Area under graph =

**For d vs. t graphs:**

* Slope =

Imagine a car at a stop light. When the light turns green it accelerates forward at a constant rate.

Sketch d vs. t, v vs. t and a vs. t graphs of its motion.

