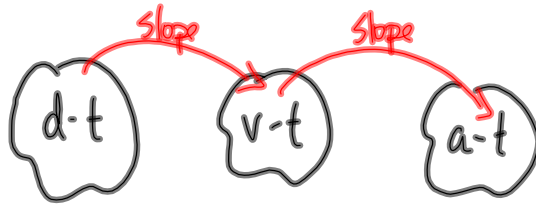


TEST OUTLINE - Kinematics

- description \Leftrightarrow d-t, v-t, a-t graphs



- find constant / average / instantaneous velocity from d-t graph
 (slope of line) (slope between two points) (tangent)
- find constant / average / instantaneous acceleration from a v-t graph
- Problem solving:

velocity: $\vec{v} = \frac{\Delta \vec{d}}{\Delta t}$ (constant)

$\vec{v}_{\text{ave}} = \frac{\Delta \vec{d}}{\Delta t}$ (non-constant)

acceleration: $\vec{a} = \frac{\Delta \vec{v}}{\Delta t}$ (constant) $\vec{v}_2 - \vec{v}_1$

$\vec{a}_{\text{ave}} = \frac{\Delta \vec{v}}{\Delta t}$ (non-constant)

What should you study?

- ① INV 1 - 4
- ② IL Demo (Predictions \rightarrow 8 Demos)
- ③ Chapter 2 and §3-1 (up p 80)
- ④ Look over notes / PP / assignment / quiz
- ⑤ Do lots of problems for review