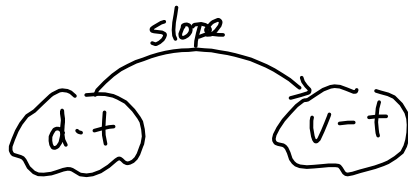


Position-Time Graphs + Velocity



Constant velocity $\xrightarrow{\text{slope}}$ velocity

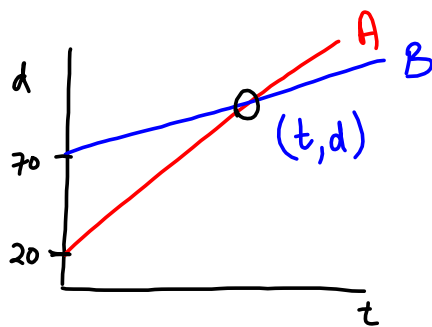
Non-constant velocity $\xrightarrow{\text{slope by 2 pts}}$ average velocity

$\xrightarrow{\text{slope of tangent}}$ instantaneous velocity

velocity equation $\Rightarrow \vec{v} = \frac{\Delta d}{\Delta t}$

Speed equation $\Rightarrow v = \frac{\Delta d}{\Delta t}$

} watch units, directions, sds



Car A
 $(y = mx + b)$
 $d = 95t + 20$

Car B
 $d = 50t + 70$

Quiz (Fri.)

- ① $d-t \rightarrow v-t$
 \hookrightarrow description
- ② description $\rightarrow d-t$
 $\hookrightarrow v-t$
- ③ solve basic velocity problem