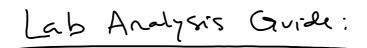
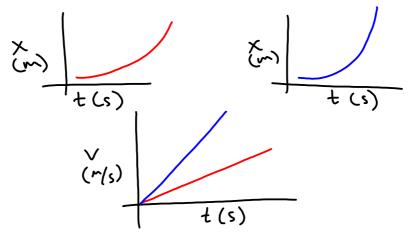


· • 
$$(vulouity)^2 - Position$$
  
 $5lope = \frac{\Delta v^2}{\Delta x}$ 
 $2a = \frac{\Delta v^2}{\Delta x}$ 
 $v_t^2 = v_i^2 + 2a\Delta x$ 

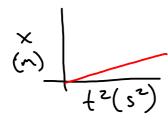




$$\alpha = \frac{\Delta v}{\Delta t}$$

$$a = \frac{\Delta v}{\Delta t}$$

5 lope = acceleration



$$\frac{1}{2}\alpha = \frac{\Delta \times}{\Delta t^2}$$

$$\frac{1}{2}\alpha = \frac{\Delta x}{\Delta t^2} \qquad \frac{1}{2}\alpha = \frac{\Delta x}{\Delta t^2}$$

Slope on x-t2 graph is 2 slope of v-t graph

## - Motion Map

