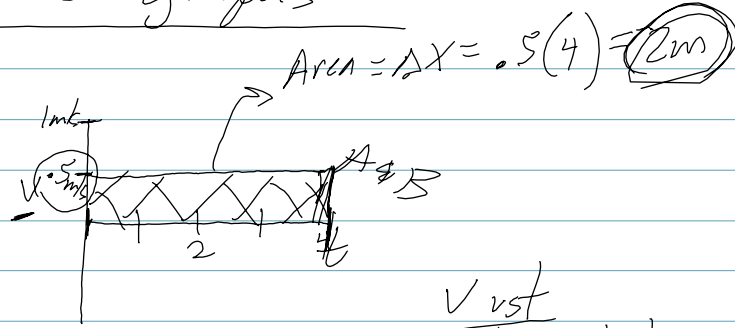
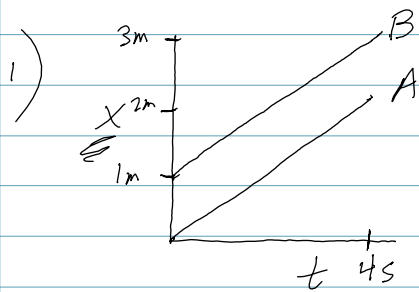


# Velocity vs. time graphs

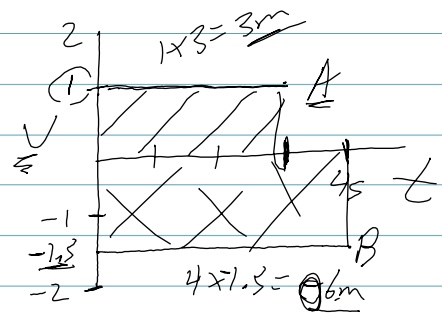
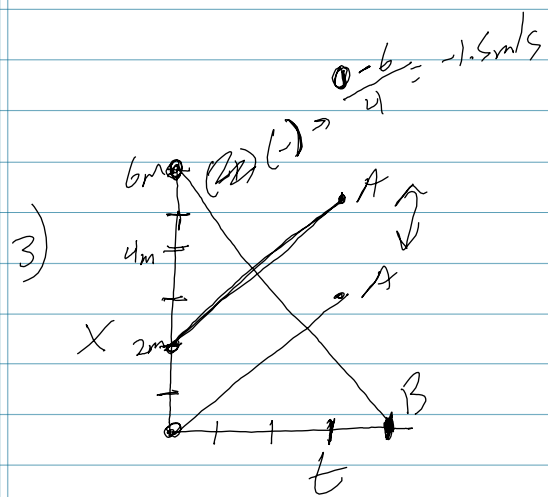
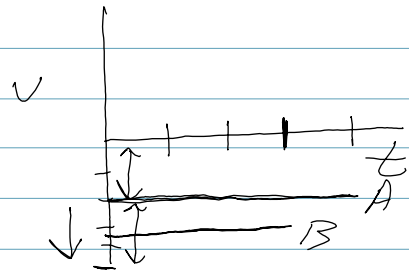
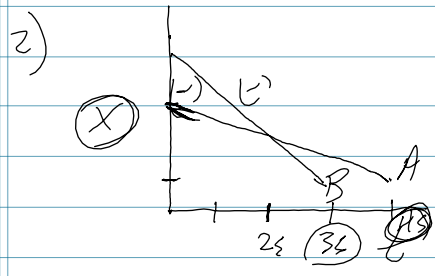


$v_{y\text{-int}}$   
 $y\text{-int} \rightarrow$  initial velocity

slope  $x$  vs.  $t =$  velocity  $\rightarrow \frac{\text{rise}}{\text{run}}$

$A = \frac{2}{4} = 0.5 \text{ m/s}$

$B = \frac{3-1}{4} = 0.5 \text{ m/s}$



\* don't know starting position