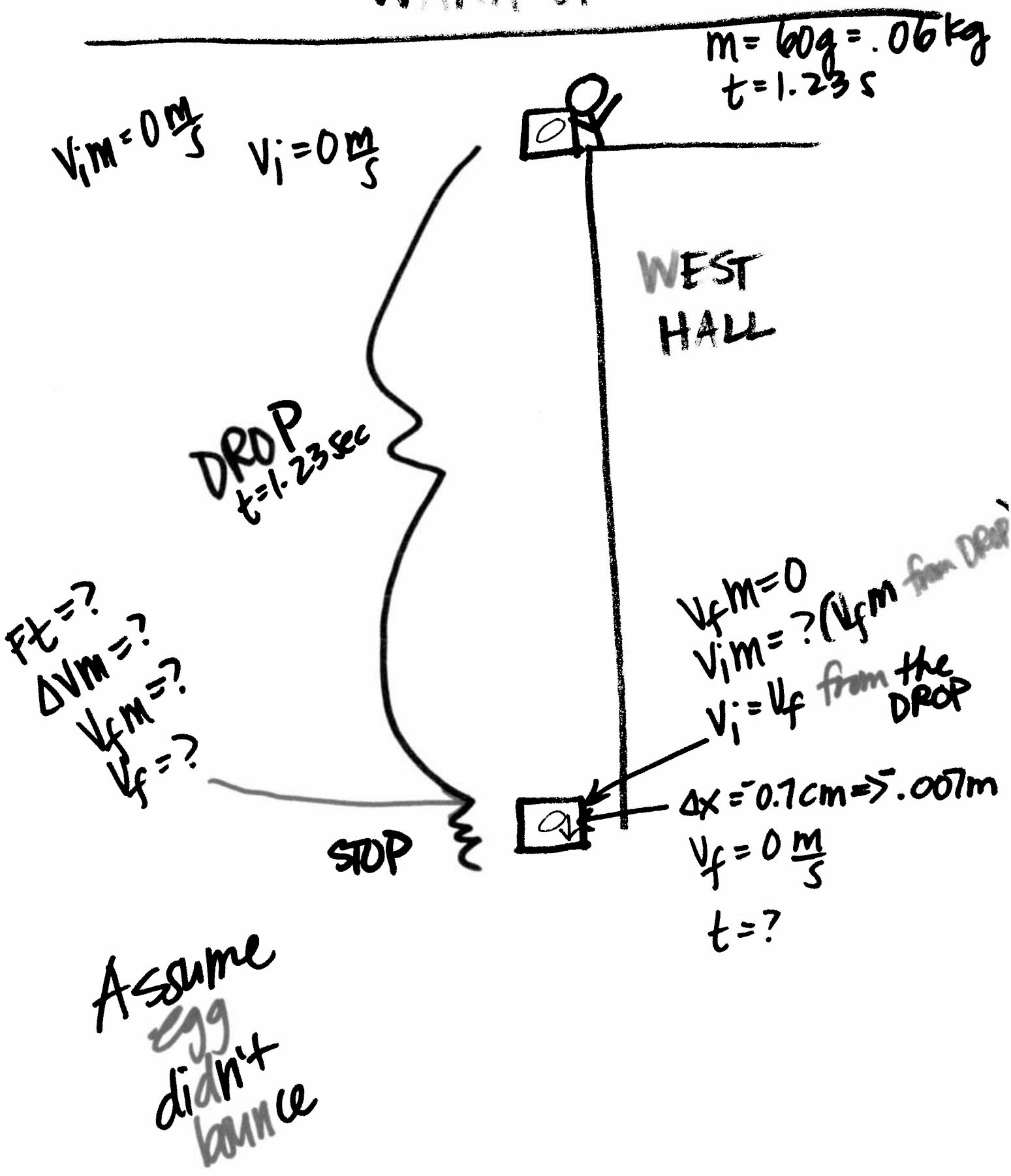
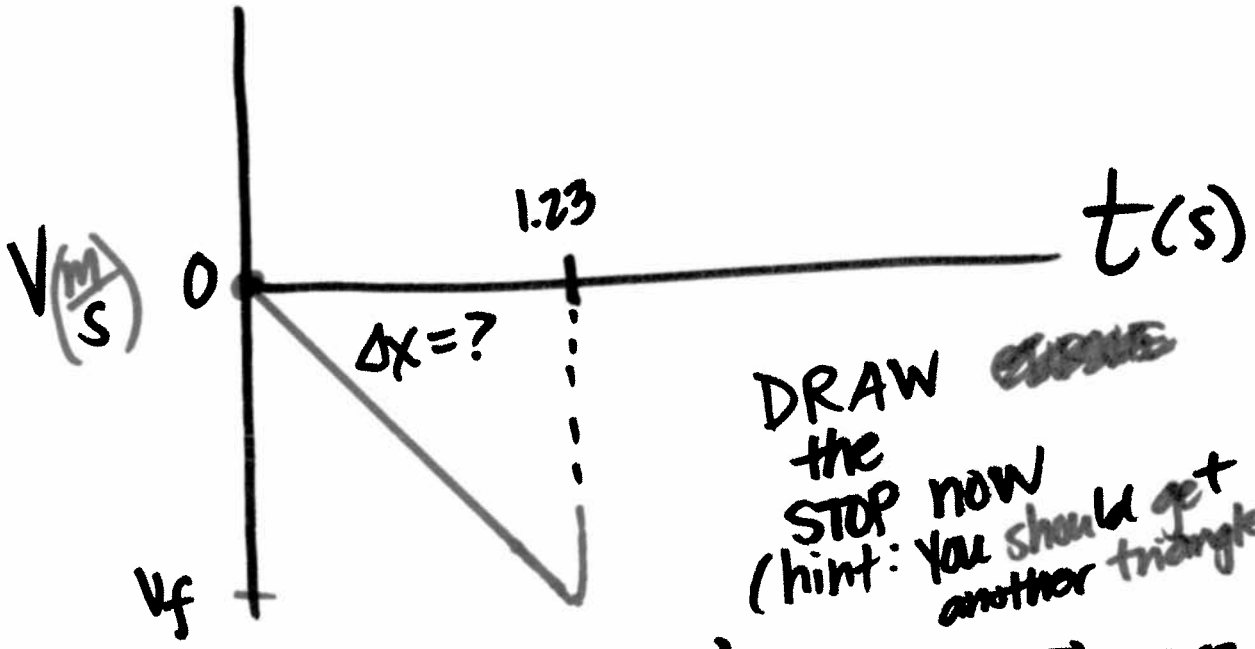
EGG DROP TUTORIAL

WARM-UP





DRAW the STOP (hint: you should get another triangle)

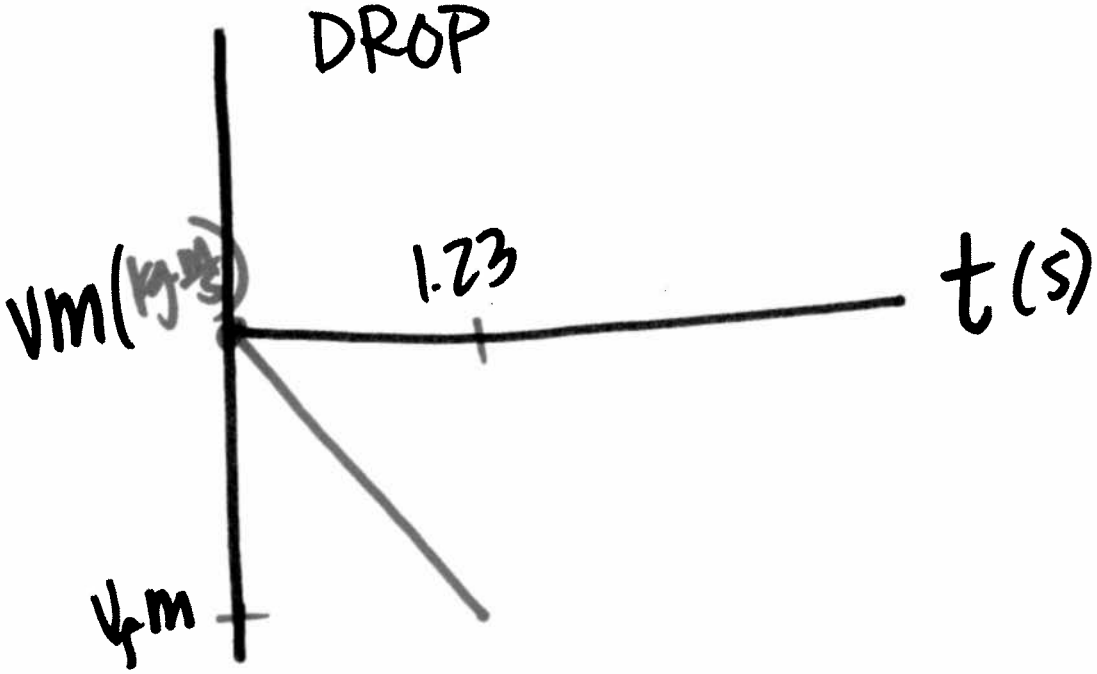
now

$$\text{slope} = \frac{\Delta \vec{v}}{t} = \vec{a} \qquad \Delta \vec{x} = \text{area}$$

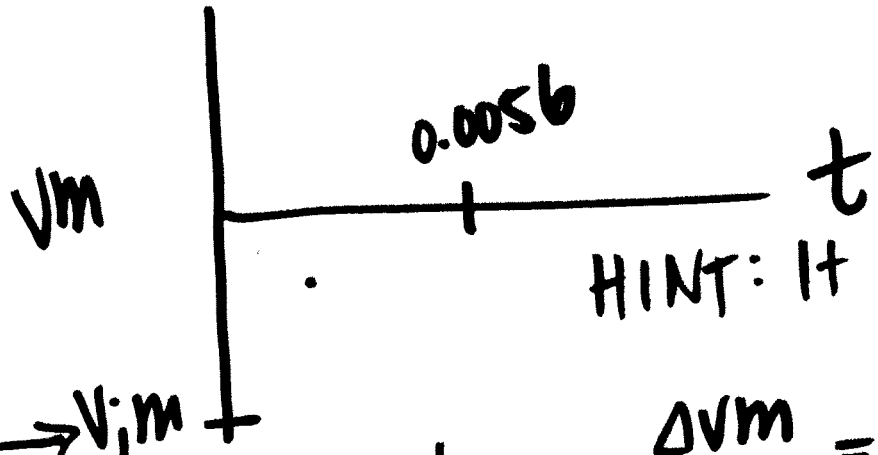
~~Δx_{STOP}~~

$\vec{a}_{STOP} = ?$

DROP



STOP WITH DEVICE



HINT: It is a triangle

$\text{slope} = \frac{\Delta vm}{t} = ?$ calculate the slope

Same #'s

STOP W/OUT A DEVICE

DRAW the Graph.
Hint: The only difference is the time interval.

CONCRETE DOESN'T HAVE MUCH "CUSHION"