Mr. Hie’s Acceleration Practice

# Constant Acceleration

Acceleration is the rate velocity changes. Objects accelerate when they are either speeding up or slowing down.

***V2 = A\*DeltaT + V1 D2 = Vaverage\*DeltaT + D1 Vaverage = (V1 + V2)/2***

***If the starting speed, V1, is zero, then DeltaD = ½\*A\*DeltaT^2***

# Your Task

Like every smart person during the apocalypse, you have a stopwatch with you all the time. Use your stopwatch and a meter stick to measure the acceleration of something falling. Hint: If you drop an object without throwing it, V1 is zero.