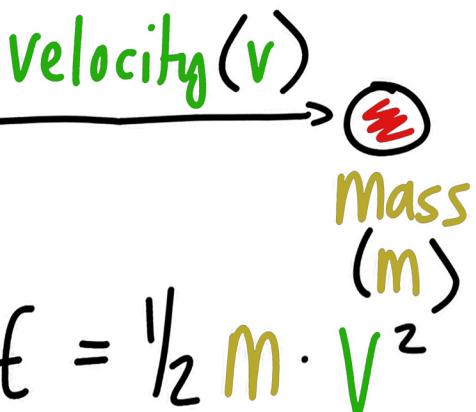


# Noteset 4B (Part 1) - In Class Noteset

## Comparing Kinetic and Potential Energy

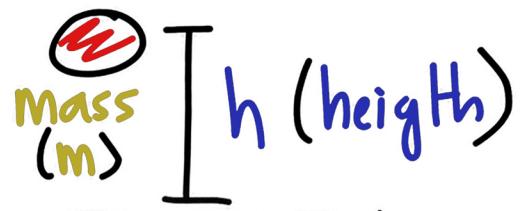
### Kinetic Energy



$$KE = \frac{1}{2} M \cdot V^2$$

$M$  = grams  $V$  = meters/second

### Potential Energy



$$PE = M \cdot g \cdot h$$

$g$  = constant  $9.8 \text{ m/s}^2$   $h$  = height meters