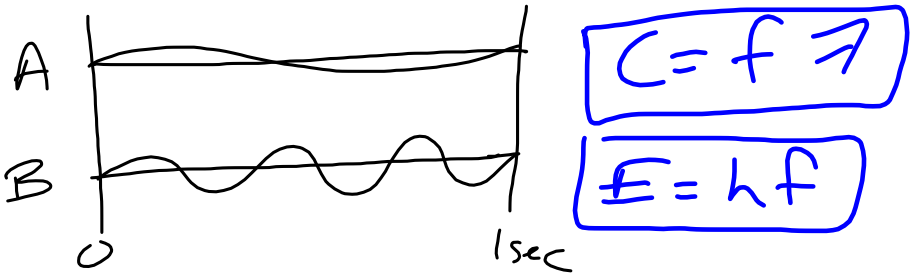


$C = f\lambda$

$E = hf$

A → B

① f ↑

② λ ↓

, More waves /sec. More E!

Oct 26-9:31 AM

Planck $E = hf$

$E = \frac{hc}{\lambda}$ ✓

$c = f\lambda$

$f = \frac{c}{\lambda}$

$h = 6.63 \times 10^{-34}\ J \cdot sec$

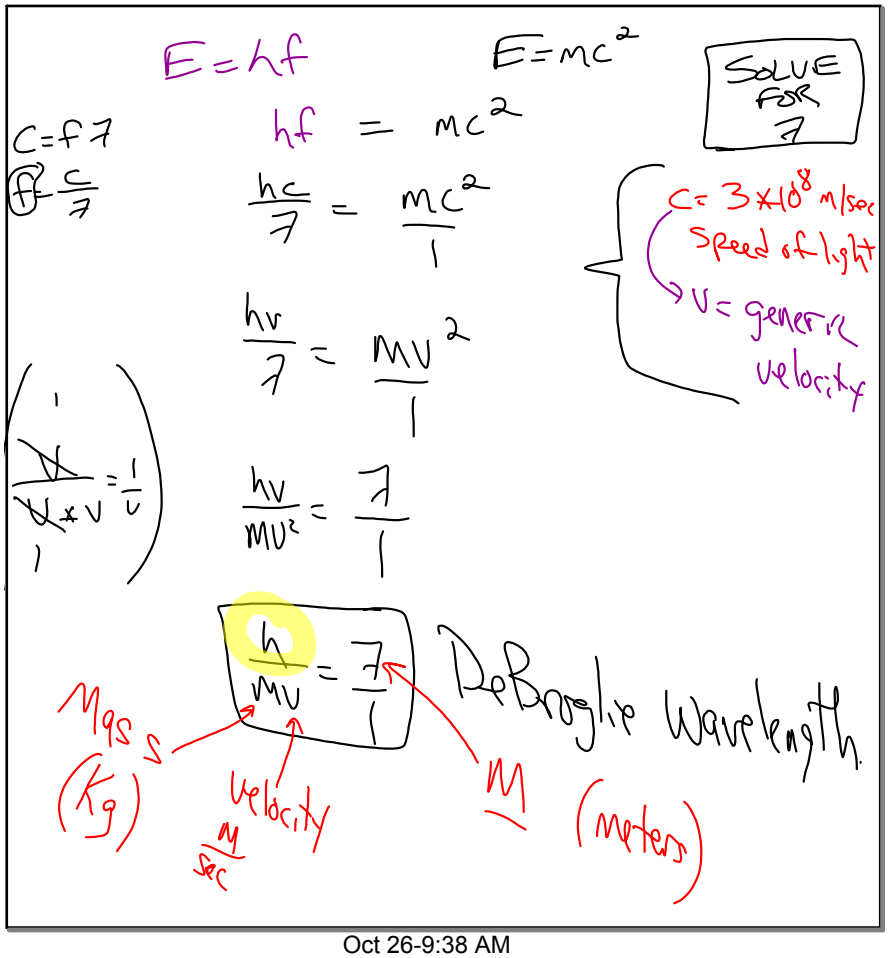
$E = hf$

$\frac{J}{1} = \frac{J \cdot sec}{1} * \frac{1}{sec}$

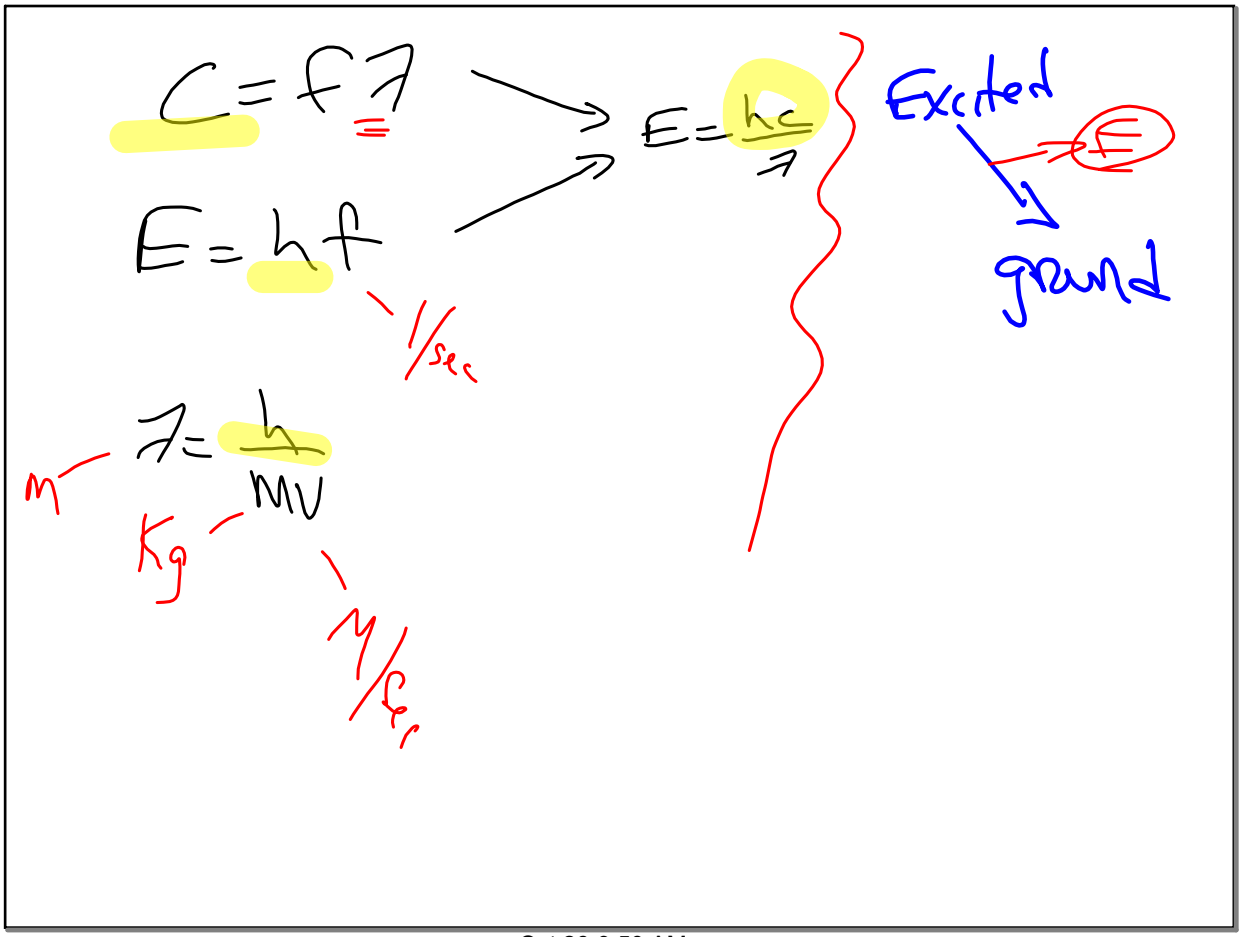
$\frac{J}{1} = \frac{1}{sec}$

$\frac{J}{1} * \frac{sec}{1} = J \cdot sec$

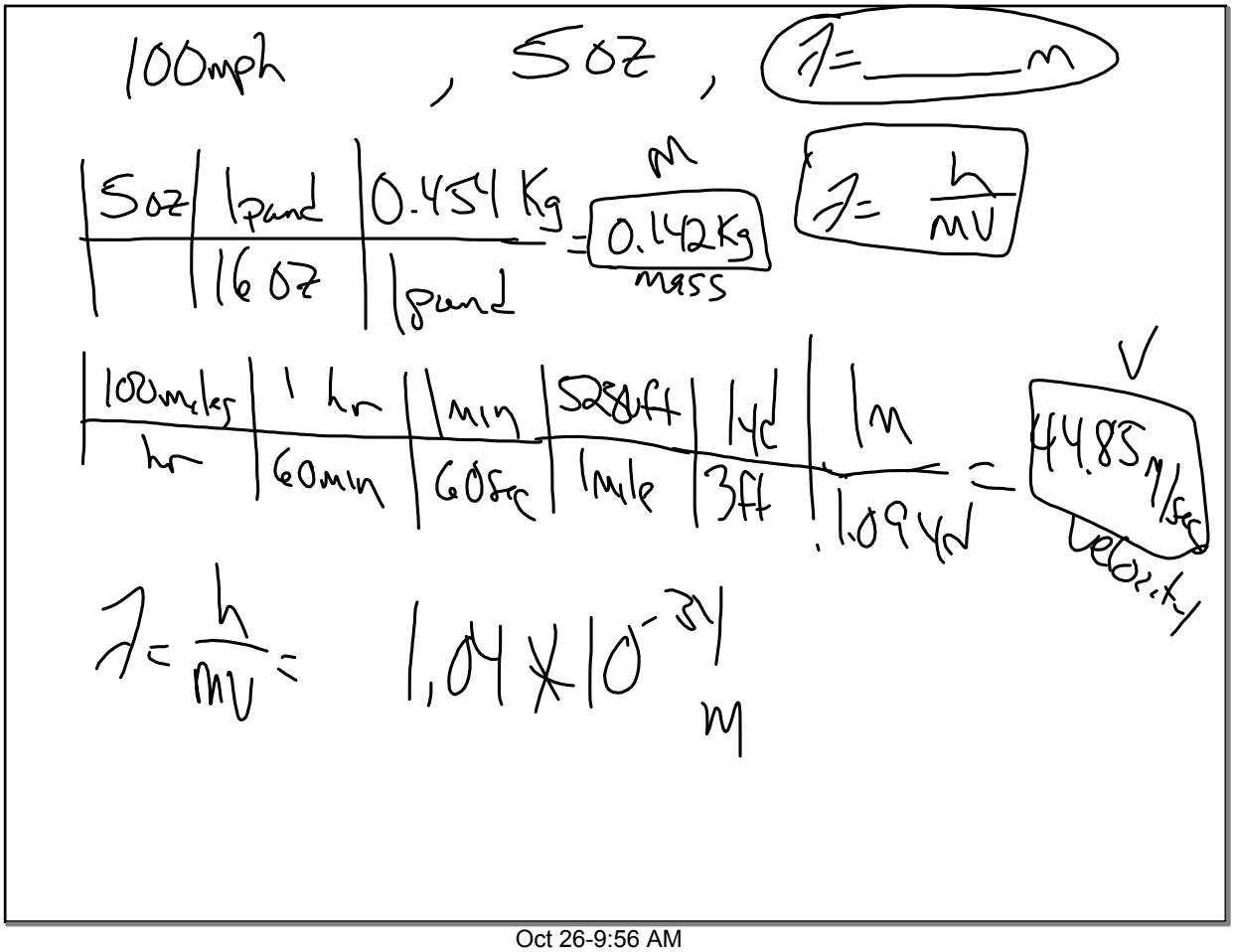
Oct 26-9:37 AM



Oct 26-9:38 AM



Oct 26-9:50 AM


100mph , 5oz , λ= ____ m
5oz | 1pound | 0.454 Kg = 0.142Kg
16oz | pound | mass
λ= h/mV
100mi/hr | 1 hr | min | 528ft | 1yd | m | = 44.85 m/sec
hr | 60min | 60sec | 1mile | 3ft | 1.094yd | velocity
V
λ= h/mV = 1.04 x 10^-34 m

Oct 26-9:56 AM