Notes 9.1 should include:

***Definitions:***

collision- two things collide (hit)

impulsive force- the moment two things collide

***Equations & variables:***

impulse *J*= Favg (t)

*J*- impulse (in N.s or kg.m/s)

 F- force (in N)

t- time (in s)

***Graph-*** (copy p. 255 top graph right side)

\*impulsive force is proportional to time

Wider curve= longer “contact” time

Smaller/thinner curve= shorter “contact” time

Taller curve= more force applied

Shorter curve= less force applied

Wednesday’s work

In class Read 9.2-9.3 (p. 256-262)

Questions- 7, 9, 11

Problems 7, 9

Grading:

 THURSDAY- Checking in Tues & Wed questions & problems tomorrow (visual check for work)

 FRIDAY- Notebook (definitions, equations, graphs) (visual check)

 FRIDAY (in addition)- quick questions/problems exit ticket

