

Operation Christmas Child

1. Questions re Midterm?

2. Work - Continue
 3. Page 221, PP #1-3
 4. Three Cases - No Work is Done
 5. Page 225, PP #4-10
 6. Positive and Negative Work
-



Physics 112/111 - Midterm Outline

- > ~~Resultant~~
- > Velocity-Time Graph ✓
- > Kinematic Problems Including Freely Falling Bodies
- > Force Problem C4 ✓
- > Force Problem C5 ✓ involve a kinematic formula.
- > Force Problem C10. ✓ involve a kinematic formula.
- > Momentum, Impulse, Momentum-Impulse Theorem ✓

FBD's

$$\vec{p} = m\vec{v}, \quad \vec{v} = \vec{F}t, \quad \vec{F}t = \Delta\vec{p}$$

$$\vec{J} = \vec{F}t = \boxed{\Delta\vec{p}} = \vec{p}_f - \vec{p}_i = m\vec{v}_f - m\vec{v}_i = m\boxed{\Delta\vec{v}}$$

* Formula sheet will be provided.

* Format: Problems only (6)

Attachments

Student ID re-takes 2013.doc