

Wednesday, December 4/13
Physics 122/121



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1. Lab - SHM - Pendulum -> Follow Usual Format
2 Day Late - December 4
 2. Formative Assessment - Return
 3. Worksheets -> Projectiles
 4. Terminal Velocity
 5. Quiz: SHM and Projectiles -> Friday, Dec. 6/13
 6. Unit 3 - Fields



Quiz SHM + Projectiles

SHM

1. SHM
2. Two requirements for SHM.
3. Mass on a Spring



$$E_T = \frac{1}{2}mv^2 + \frac{1}{2}kx^2$$

max displacement = A

$$T = 2\pi \sqrt{\frac{m}{k}}$$

$$f = \frac{1}{T}$$

4. Pendulum

$$T = 2\pi \sqrt{\frac{l}{g}}$$

5. Projectile Fired Horizontally
 6. Projectile Fired At An Angle
- ⇒ unif. motion
horizontal motion } indep
+
vertical motion }
unif. acc'd.

Attachments

Student ID re-takes 2013.doc