Midterm

See Next Page

1. Check: Handout Kepler's Laws

2. Experiment 8.1 - Kepler's Laws - Page 49
   Due: Thursday, Nov. 8/12

3. Universal Law of Gravitation

Stopped Here P1

4. Chapter 12 - Page 580, PP#1-7 hw

5. Finding the Value of "g"

Stopped Here P6

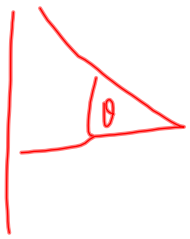
6. Orbital Speeds

7. Investigation 12A - Page 581

Midterm Topics

1. Force Problems
   - → Push/Pull
   - → Incline Plane

2. Torque
   - → include an angle



3. Relative Velocity
   - → Boat/Plane

4. Collisions
   - → 2D

5. Circular Motion Problems
   - → L2 → Uniform
   - → L1 → Uniform
     - Non-Uniform
     - Banked/Unbanked

Formula Sheet will be provided.

Circular Motion

Handout: Problems - Circular Motion

LEVEL 1 -> Packet (Banked and Unbanked Curves, Vertical Circular Motion)

Experiment 8.1 - Kepler's Laws - Page 49

Chapter 12 - Page 580, PP#1-7

DUE - Nov. 26/12

Physics 122/121

Biographies of Astronomers

Content to be included:

____ name of astronomer (1)
____ birth date/death date (2)
____ birth place (1)
____ at least three pictures (3)
____ academics (universities attended/degrees) (2)
____ number of husbands/wives/children (2)
____ contribution/discovery/claim to fame (1)
____ interesting information (4)

___
24

References and citations:

____ reference page (1)
____ citations (1)

Additional considerations:

Grammar	3	2	1	0
Spelling	3	2	1	0

References

Fraknoi, A. (n.d.). Women in astronomy: An introductory resource guide to materials in English. Retrieved from http://www.astrosociety.org//edu/resources/womenast_bibprint.html

Planetary orbit simulator. (n.d.). Retrieved from http://astro.unl.edu/classaction/animations/renaissance/kepler.html

Citation: (Fraknoi, n.d.)

Citation: (Planetary orbit simulator, n.d.)

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