

Wednesday, December 5/2  
Physics 122/121

Due: Dec. 14/12 { Grad Write-Ups  
Grad Surveys

1. Text: Page 608, #1-4  
Page 623, #23-27, 30

} Mass on a Spring

- Text: Page 614, #5-8  
Page 623, #28, 29

} Pendulum

Answer to #5  
is listed as  
#7 in text

2. SHM - Pendulum Lab -> Due Friday  
3. Handout: SHM Problems

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4. Projectile Motion

5. Text: Page 536, PP #1-8

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Test -> Thursday: Planetary Motion and SHM

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<http://www.youtube.com/watch?v=lpvgfmEU2Ck>



## Circular Motion

Handout: Problems - Circular Motion

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

## Universal Gravitation

Experiment 8.1 - Kepler's Laws - Page 49

Chapter 12 - Page 580, PP#1-7

Investigation 12-A, Page 581

Handouts (3) - Kepler's Laws, Value of "g", Speed and Period of a Satellite

## Simple Harmonic Motion

Text: Page 608, #1-4  
Page 623, #23-27, 30 } Mass on Spring

Text: Page 614, #5-8  
Page 623, #28, 29 } Pendulum

**Answer to #5 is listed as #7's. Scan answers for others.**

SHM - Pendulum Lab

Handout: SHM Problems

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# SHM - Pendulum Lab

1. Names

etc

(7)

Data

Table

Analysis/Conclusion

1. Word statement (1)

2. Graph (4)

slope (1)

g (2)

% difference (1)

(8)