

Physics 112

Wednesday, November 18/15

<http://mvhs-sherrard.weebly.com/>

Textbook - ISBN

Report Cards

Hoop Classic - Thursday
 - \$2 Donation to P4 Teacher
 - 1:00 to 3:20

1. Multiple Choice - Momentum and Impulse
2. Review - Midterm -> Practice Midterm
 -> Review #1
 -> Review #2
3. Lab - The Explosion (Change in Momentum) - Optional
4. Test - Unit 2: Dynamics -> Thursday, Nov. 19/15

MC. 1. D 7. C 13. D * 18 C
 2. C 8. A 14. C 19. D
 3. B 9. D * 15. B * 20 C
 4. A 10. C 16. C
 5. B 11. C 17. C
 * 6. B 12. D

Practice Midterm

1. 5.6 m/s^2 , down
2. 1.5 s
3. 0.50

$$\frac{\text{N}}{\text{s}} = \frac{\text{kgm}}{\text{s}}$$

$$\frac{\text{kgm}}{\text{s}} \cdot \text{s} = \frac{\text{kgm}}{\text{s}}$$

$$\frac{\text{kgm}}{\text{s}} - \frac{\text{kgm}}{\text{s}}$$

4. 125 N , west
5. a) 8.0 m/s , W
 b) 2.0 m/s^2 , W
 c) 38 m , W
 d) 2.1 m/s , W
 e) 12 s
 f) 1.4 m/s^2 , E
 g) 2.0 s
- #6 a) 5.4 kgm , left
 b) 22 ms



Physics 122

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1. Projectiles Fires Horizontally - Continue
 2. [Text: Page 536, PP #1-8 -> HW for Monday](#)
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3. Experiment 7.2 - Range of a Projectile
4. Projectiles Fired at an Angle

Science 10

<http://mvhs.nbed.nb.ca/>

Tuesday, November 17/15

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- 1:00 to 3:20

1. Assignment - Distance vs Time Graphs - To Be Marked
- Due - Today

2. Sample Problems - Average Speed

3. Worksheet - Distance, Time and Speed Problems

4. Worksheet - Understanding Concepts - Page 358: #3-6, 8 *hw.*

5. Types of Physical Quantities

6. Position and Displacement

7. Gecko Demo

8. Hundred Acre Wood

1. 2.0 m/s 6. 5 s 9. $5 \times 10^1 \text{ m}$
 2. 5.0 m/s 7. $1.3 \times 10^2 \text{ s}$ 10. $1 \times 10^1 \text{ m}$
 3. 2.0 m/s 8. 10.7 s 11. $8.8 \times 10^2 \text{ m}$

4. 43.89 m/s Challenge
 5. $64 \frac{\text{km}}{\text{h}}$ $2.0 \frac{\text{m}}{\text{s}}$ faster