Physics 112

Thursday, November 23/17

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Folders

1. Questions re Momentum or Impulse?
2. FA - Momentum and Impulse
3. Worksheet - C5 - Impulse-Momentum Page 203: PP #33-35
4. Worksheet - C5 - Momentum and Impulse-Momentum
   Page 209: PFU #37-45
5. Multiple Choice - Momentum and Impulse
6. Worksheet - Extra Momentum, Impulse and Impulse-Momentum Theorem

Formative Assessment - Momentum and Impulse
Nov. 23/17

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1. A bullet traveling at 900 m/s [W] has a momentum of magnitude 4.5 kg m/s. What is its mass in grams? D3.2

2. A force of 6.0 N acts on a 4.0 kg object for 10.0s.
   a) What impulse does the object experience? D3.4
   b) What is the object's change in momentum? D3.7
   c) What is the object's change in velocity? D3.6

Multiple Choice - Momentum + Impulse

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

Physics 122

Thursday, November 23/17

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Folders

1. Return Midterms
2. FA - SHM (Pendulum and Mass on a Spring)
3. Worksheet - PP #1-4 (Mass on a Spring)
   PFU #23-27, 30 (Mass on a Spring and Pendulums)

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4. U2 - Section 4: Projectiles
5. Terms to Know
6. Projectile Fired Horizontally
7. Formulas: Horizontal Projectiles
8. Example - Horizontal Projectile

Formative Assessment - SHM
Nov. 23/17

A spring oscillates with a 0.55 kg mass at the same frequency as a 2.4 m long pendulum on Earth. What is the spring constant of the spring?

Science 10

Wednesday, November 22/17

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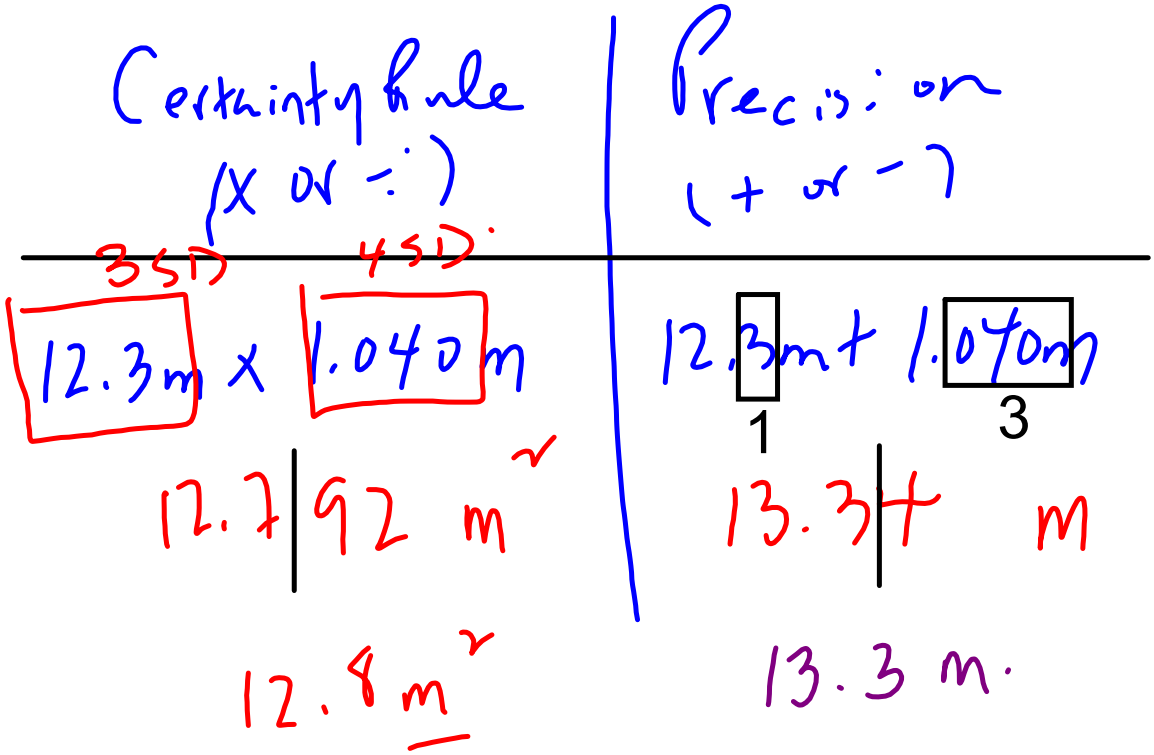
Folders

1. Check
   Worksheet - Certainty and Precision Rules
2. FA - Certainty and Precision Rule
3. Defining Equations
4. Rearranging Equations
5. Worksheets - Rearranging Equations



Formative Assessment - Certainty and Precision Rules Nov. 23/17

Name - _____

Report final answers to the correct number of significant digits.

a) 465.8 km ÷ 5.57 h

b) 7.52 cm + 8.678 cm + 0.2 cm

c) Name the rule you used in (b).