

Physics 112

Tuesday, November 21/17

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1. Midterm

2. Worksheet - C5 - Impulse-Momentum Page 203: PP #33-35

3. Worksheet - C5 - Momentum and Impulse-Momentum
Page 209: PFU #37-45

Physics 122

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1. Midterm

2. Worksheet -PP #1-4 (Mass on a Spring)

PFU #23-27, 30 (Mass on a Spring and Pendulums)

Science 10

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1. Formative Assessment - Certainty, Significant Digits and Rounding
2. Precision Rule for Adding and Subtracting Measurements
3. [Worksheet - Certainty and Precision Rules - HW P4 and P5](#)
4. Defining Equations
5. Rearranging Equations - P4 To Be Continued
6. Worksheets - Rearranging Equations

Formative Assessment

Nov. 21/17

Certainty, Significant Digits and Rounding

Name - Key

1. State the number of certain digits (C), uncertain digits (U) and significant digits (SD) in each measurement below.

a) 40.77 g C = 3 U = 1 SD = 4

b) 8.32×10^2 km C = 2 U = 1 SD = 3

c) 0.30600 cm C = 4 U = 1 SD = 5

2. a) Round 15.26 s to three significant digits.

15.3 s

- b) Round 3.4198 cm to two significant digits.

3.4 cm

- c) Round 0.967 g/cm³ to two decimal places.

0.97 g/cm³

- d) Round 30.64 m to one decimal place.

30.6 m

- e) Round 3755 kg to two significant digits.

3.755 x 10³ kg

3.8 x 10³ kg