**PHYSICS 2021 - 22 August 23, 2021**

**Today’s Agenda (Day 4)**

1. HOUSEKEEPING ITEMS

🡪 Request for: Pringles Chips (or something of similar shape)

1. HOMEWORK CHECK:

🡪 APA Review

🡪 Practice Problems **#1a – f, #2a – d, #3a – d**

1. CLASS ACTIVITY

🡪 CONT’D: Math Review – Day 2

1. ~~Symbols~~
2. ~~Measurements & Significant Digits~~
3. **Fractions, Ratios, Rates & Proportions**
4. **Exponents, Powers, Roots, & Absolute Value**
5. Scientific Notation
6. Order of Operations and Equations
7. Graphs of Relations
8. Geometry and Trigonometry
9. Dimensional Analysis/Unit Conversions

🡪 PRACTICE: a) complete Practice Problems **#4a – d, p. 837** of digital textbook

 b) complete Practice Problems **#5a – d, p. 838** of digital textbook

 c) complete Practice Problems **#6 – 10, p. 840** of digital textbook

\*\***Show work** when solving these questions. Take a picture of your written workings, pay attention to the steps in the solution process. SUBMIT by class end to sbeland@luschool.com, subject line: Math Review Day #2

HOMEWORK:

* READ: Chapter 1 – A Physics Toolkit
* COMPLETE: Chapter 1 Vocabulary (short form) and Notes
* STUDY: Citation Quiz

Chapter 1 Vocabulary

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Physics | Scientific methods | Hypothesis | Model | Scientific theory |
| Scientific law | Dimensional analysis | Significant figures | Measurement | Precision |
| Accuracy | Independent variable | Dependent variable | Line of best fit | Linear relationship |
| Quadratic relationship | Inverse relationship |  |  |  |

REMINDERS:

* QUIZ: APA Review 🡪 **Tuesday, August 24, 2021**
* Chapter 1 Vocabulary – Aug. 27
* Chapter 1 Notes – Aug. 30
* TEST: Chapter 1 🡪 **Tuesday, September 7**
* QUIZ: Ch 1 & 2 Vocabulary **🡪 Tuesday, September 9**