

Texts:

Packet Due 3 -22 -19

Physics (Cutnell & Johnson) 6th Edition)Openstax College Physics for AP Courses (Free electronic version)Edvantage Science AP Physics 1

1. **WRITE YOUR NAME**, first and last name, on top of this cover sheet.
2. **COMPLETE ALL THE WORK** as assigned.
3. **BOTH THE STUDENT AND A PARENT MUST SIGN** here before turning in.
4. **COVER SHEET**: Put this cover sheet on top of the work when you turn it in.
5. **THE EXPECTATION IS THAT**: You will turn in your work in the order shown below.
6. **TURN IN THIS WORK ON TIME** to your supervising teacher.
7. **Students must submit at least two lab works/report for Month 7.**

Student Signature_____
Date_____
Parent Signature_____
Date**Cutnell Ch. 17 - The Principle of Linear Superposition and Interference Phenomena**

- 1) P. 506 Conceptual #1, 2, 4, 8, 10, 12, 13, 15
P. 506 Problems #1, 2, 3, 6, 17, 19, 26, 29, 52, 63

Cutnell Ch. 18 - Electric Forces and Electric Fields

- 2) P. 542 Conceptual #1-6, 13-15;
P. 543 Problems #1-3, 5, 7, 10, 11, 25, 27, 33, 67

OpenStax Ch. 18 - Electric Charge and Electric Field

- 3) Glossary (PP. 809-810): All of them from conductor to Van de Graaff generator.
- 4) Problems & Exercises P. 816 #2, 3, 12, 13, 24, 35, 36, 47, 50, 60, 62
+ P. 821 - Test Prep for AP Courses: Do #1, 3, 4, 7, 12, 13, 14, 15, 18, 19, 21, 29-31, 34

Edvantage - Ch. 10 - Mechanical Waves and Sound

- 5) p. 413 - #7, p. 414 - #12, p. 420 - #6-9
- 6) AP Physics 1 Exam Practice 1 - The rest of the M-C Q. (but not the electrical questions.)
+ Free Response Q #2 and 4.
- 7) Two **Laboratory Experiments/Exercises/Demonstrations**
- a) 2/28/19 - Speed of Sound Notes and Lab + Linear Superposition Practice
 - b) 3/7/19 - Standing Wave Notes and Lab
 - c) 3/14/19 - Electricity Demos, Electricity Notes, Review