

Physics Semester 2 Midterm Test Review

Review Schedule:

- March 28- April-9: Work on Semester Review Practices
- Friday, April 6: Complete Crib Sheet in the Classroom ONLY
- Monday, April 9 or Tuesday, April 10: Semester Midterm Test (Electricity Units)

The Test:

- The test is worth 60% of your overall semester test grade. The other 40% will come from the Waves Final (with will be taken during Semester Test days at the end of the semester). The two tests together (Electricity Final and Waves Final) will be 14% of your semester grade.
- Test will be taken through BlackBoard Learn. Know your user name and password.
- 45 questions: 9 true/false, 21 multiple choice/jumbled sentence and 15* fill-in-the-blank (*calculation required)
- A scientific calculator is recommended.
- I will provide NO equations. You may write all equations on your Crib Sheet.
- Bring a book to read or something to keep yourself occupied (just in case you complete the test early).
- You will not be allowed to leave the classroom during the testing period.

General Overview:

In order for the review to be most helpful, it is necessary for you to work through the practices and come to class prepared to ask questions for clarification and review. In addition, you should look over notes to help study!

The Review:

The Test is divided by topics (or units). Practice questions can be found on BlackBoard Learn. Use the practices in the Semester Review Folder. Each set of questions consists of 6-9 multiple choice, true/false and fill-in-the-blank questions. Use these questions to prepare for the test. Test questions will be randomly generated from these reviews. Review practices can be completed multiple times to prepare for the test.

Notice the number in the box...that is the number of test questions from the section.

7			
<u>Unit 8-Electrostatics</u>			
electrostatics	conduction	induction	Coulomb's Law

6		
<u>Unit 9- Electric Field</u>		
electric force	electric field	electric potential

11			
<u>Unit 10- Electric Current</u>			
current	Ohm's Law	electrical power	electrical energy

11		
<u>Unit 11- Electric Circuits</u>		
series circuits	parallel circuits	combination circuits

10			
<u>Unit 12 – Magnets</u>			
magnetic field and magnetic force	magnets and current	electromagnet	right hand rules