

Physics 1A Semester 1 Test Review

Review Schedule:

- Monday, January 7: Work on Semester Review Practices
- Tuesday, January 8: Work on Semester Review Practices
- Wednesday, January 9: Work on Practices & Complete Crib Sheet in the Classroom ONLY
- Thursday, January 10 or Friday, January 11: Semester Test

The Test:

- The test is worth 10% of your semester grade.
- Test will be taken through BlackBoard Learn. Know your user name and password.
- 50 questions: 11 true/false, 24 multiple choice and 15* fill-in-the-blank (*calculation required).
- A calculator is needed (calculator apps may NOT be used).
- 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 5 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.

<u>Unit 1-Introduction to Physics</u>	6			
standards of measurement		metric conversion	density	graphing
<u>Unit 2- Motion</u>	9			
distance/displacement		speed/velocity	acceleration	motion graphs
<u>Unit 3 & Unit 3.5 – Forces and Momentum</u>	9			
unbalanced forces		friction	weight	momentum
inertia		gravity	Newton's law	
<u>Unit 4- Circular and Rotational Motion</u>	7			
circular motion		rotational motion		universal gravitation
centripetal force		center of gravity		
<u>Unit 5 – Mechanical Energy</u>	8			
potential energy		kinetic energy	mechanical energy	conservation of energy
<u>Unit 6 and Unit 7 – Work, Power and Machines</u>	6			
work		power		
<u>Unit 7 – Machines</u>	5			
simple/compound machines		efficiency		