

PS Chemistry Semester Test Review

Review Schedule:

- Monday, December 16: Assign Review Packet, Hand In Text Books, Clean out Binders
- Tuesday, December 17: Work on Review Packet, Hand In Text Books, Clean out Binders
- Wednesday, December 18: Correct Review Packet, Review Game, Create Legal Cheat Sheet
- Thursday, December 19: PS Chemistry Semester Test

The Test:

- The test is worth 14% of your semester grade.
- Test will be taken through BlackBoard Learn.
- 100 multiple choice questions.
- A basic calculator is recommended.
- I will provide a Periodic Table and an Oxidation Chart during the test.
- Your book must be returned to me prior to taking the test.
- Water bottle is optional.
- 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 review questions and come to class prepared to ask questions for clarification and review. In addition, you should look over chapter reviews and notes to help study! You can also make arrangements to look over your old tests and quizzes.

The Review:

The review is divided by chapters (or units). Below you will find a general list of terms/concepts from each unit followed by review questions. Also notice the number in the box...that is the number of test questions from the section.

Chapter 1: The Nature of Science

8

scientific method
hypothesis

constant
control

variables
standards of measurement

SI units
metric conversion

- What tools and units are used in science for measuring length, mass, volume, and density?
- A bag of apples weighs 3249 grams. What is this weight in kilograms?
- List the steps of the scientific method.
- Krissy thinks that Skin-So-Soft by Avon will repel mosquitoes. She takes 100 mosquitoes and puts them in a container, half the container contains a cloth soaked in skin-so-soft. After one hour she made observations, she found that 60 mosquitoes were on the half of the container without the rag and 10 were found near the rag. Krissy also put 100 mosquitoes into another container, half of this container contained a rag soaked in water. She observed this container an hour later and found the mosquitoes were evenly distributed across the container.
 - Write a hypothesis for Krissy.
 - What was the control group?
 - What was the independent variable?
 - What was the dependent variable?
 - What should Krissy conclude?
- Which axes are the independent and dependent variables found?

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Daniel F McAuley



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