

Tentative Test Date: _____

👉 IMPORTANT NOTE 👉

Study guides are not graded and we do not review them in class.
Study guides are not meant to completely prepare you for the test.
Study guides will *guide* you in the right direction to *begin* preparing for the test.
To completely prepare for the test you should review your notes, homework,
notes review sheets, warm-ups, activities, labs, and any readings.

Student Objectives

Your test is to see how well you meet the objectives. There will be questions for each objective on the test. How you respond to these questions will determine your grade. Below are all the objectives for this unit.

As a result of this student, the student will be able to:

- Identify the characteristics of minerals.
- Explain how minerals are classified into groups.
- Identify characteristics of mineral groups.
- Explain which mineral properties are most important in identification.
- Explain each of the mineral properties. (*This was your lab exam*)
- Classify and identify minerals by their properties. (*This was your lab exam*)
- Identify and explain ways minerals are used in industry and art.
- Explain how minerals form.
- Explain how minerals are mined.
- Explain how crystals form.
- Explain the relationship between crystal size and time.

If you can successfully demonstrate you can meet these objectives, you will be ready for the test!

Resources

The following resources will be very helpful in beginning to prepare for the test. You should also review your labs, homework assignments, activities, and review sheets.

Notes:

- Mineral Classification and Groups
- Mineral Identification
- Mineral Uses and Formation

Reading:

- Chapter 4, Section 1
- Chapter 4, Section 2
- Chapter 4, Section 3

Sample Questions

Listed below are several sample questions. If you have trouble answering these, you should review the content it is from. **Remember:** Just because you can answer these questions does **not** mean you are ready for the test.

1. What are the four characteristics all minerals have? Explain each.
2. How do scientists put minerals into groups? Provide the three groups and explain the requirements of a mineral to be in that group.
3. What properties do scientists use to identify minerals? Explain each.
4. Are some properties more reliable than others? Explain.
5. What are the different ways a mineral forms? Explain each. Provide examples of minerals that form through each process.
6. What are the different ways a mineral can be mined? Explain each.
7. What are the ways a crystal can form?