

Name: _____

Date: _____

What is a Mineral (Section 1)

Directions: Define the below vocabulary words.

Terms	Definition
Mineral	
Element	
Atom	
Compound	
Crystal	
Silicate Mineral	
Nonsilicate Mineral	

Directions: Answer the below questions in complete sentences. Clearly explain your answer for full credit.

1. List the 5 key criteria's that help us identify whether an object is a mineral.

1) _____

2) _____

3) _____

4) _____

5) _____

2. Nonsilicate minerals can be divided into many categories. What are some of the classes of Nonsilicate Minerals? (Mention at least 3)

3. There are tons of minerals on earth and each mineral is different from the other. Scientists have a method in which they can identify what kind of mineral they are looking at. What are the factors that scientists look at to analyze a mineral?

4. Fill out the below Chart that is used to determine a mineral's hardness.

_____ Hardness Scale	
Mineral	Hardness
	1
	2
	3
	4
	5
	6
	7
	8
	9
	10