

8T Assignment #2: Mineral Properties

Name: _____

1. Use your mineral testing tools to estimate the numerical hardness of the mineral in container #1. **Explain how you came up with this hardness number.**

2. How many directions of cleavage does the mineral in container #2 have?

3. Identify (name) the unknown minerals in containers 3, 4, & 5. Explain how you identified each.

No.	Mineral Name	How you identified it
3		
4		
5		

4. You have been asked to work at the children's booth at your town's annual rock and mineral show. A 10 year old comes to your table and shows you a piece of galena and asks you why it keeps breaking into shiny cubes every time he drops it. In your answer, be sure to include how cleavage is recognized in a mineral (what you look for in order to identify a cleavage plane), AND what causes cleavage in a mineral. Keep the language simple enough that a 10 year old can understand what you are talking about. Use the back of this page if you need more room.

5. Which norm were you assigned to work on today? (*circle one*)

paraphrasing pausing probing for specificity presuming positive intentions

Reread what the purpose of your norm is (see the handout you read).

How did you do?	
What worked and what didn't work as you tried to apply this norm?	
Did it help, hinder, or have no effect on productive group work? (clarify)	