

Name: _____ Date: _____ Period: _____

Based on your knowledge of earth science and page 16 of your ESRT, please answer the following questions.

Properties of Common Minerals

1. What are the two different types of luster?
2. What is the range of hardness found on the chart?
3. What type of breakage is more common: cleavage or fracture?
4. What is the most common element found in the composition of minerals?



5. Which mineral looks like this: _____



6. Which mineral looks like this: _____

7. For the mineral **quartz**, identify the following:

Luster: _____ Hardness: _____ Breakage: _____ Color: _____ Composition: _____

8. For the mineral **galena**, identify the following:

Luster: _____ Hardness: _____ Breakage: _____ Color: _____ Composition: _____

9. For the mineral **olivine**, identify the following:

Luster: _____ Hardness: _____ Breakage: _____ Color: _____ Composition: _____

10. For the mineral **fluorite**, identify the following:

Luster: _____ Hardness: _____ Breakage: _____ Color: _____ Composition: _____

11. Which minerals can scratch glass, has a non-metallic luster, has fracture and is a dark red color?

12. Which mineral can be easily scratched by a finger nail, has cleavage, a metallic luster and has a black streak?