

Chapter 3

Text Pages 67–73

STUDY GUIDE

● Mineral Identification

Match the terms in Column I with the phrases in Column II. Write the letter of the correct phrase in the blank on the left.

Column I

- _____ 1. cleavage
 _____ 2. diamond
 _____ 3. fracture
 _____ 4. hardness
 _____ 5. mica
 _____ 6. luster
 _____ 7. Mohs
 _____ 8. quartz
 _____ 9. streak
 _____ 10. talc

Column II

- a. The measure of how easily a mineral can be scratched
 b. Name given to the scale of hardness
 c. One of the softest known minerals
 d. The hardest known mineral
 e. Reflection of light from a mineral's surface
 f. Color left by powdered mineral on unglazed porcelain
 g. Tendency to break along smooth, flat surfaces
 h. A common mineral that breaks along smooth, flat surfaces
 i. Tendency to break with rough or jagged edges
 j. A common mineral that breaks with rough or jagged edges

Answer the following question on the lines provided.

11. What three tests would you perform to help you identify an unknown mineral?

In the blanks at the left, write the terms that correctly complete each statement.

_____ 12. The mineral _____ is sometimes confused with gold because both minerals are the color of _____.

_____ 13. The mineral _____ is soft enough to leave a streak on paper and is commonly used in _____.