

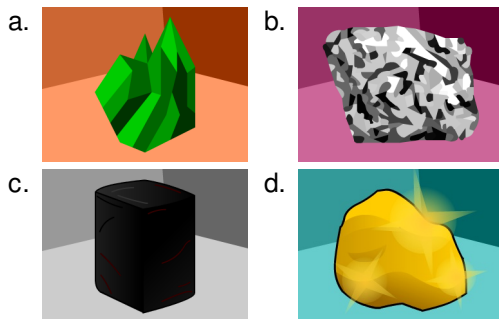
1. Which of the following is a chemical property of a mineral?

- a. Hardness
- b. Luster
- c. Atomic structure
- d. Color

2. What can you infer about graphite from the fact that you can scratch it with just your fingernail?

- a. It's not very lustrous.
- b. It's not very hard.
- c. Its streak is black-colored.
- d. It has fracture.

3. Which of the following minerals has a metallic luster?



4. What word describes the material involved in a streak test?

- a. Fractured
- b. Powdered
- c. Scratched
- d. Liquid

5. What tool would you need to discover whether a mineral has fracture?

- a. A hammer
- b. A file
- c. A grinder
- d. A harder mineral

6. Which mineral is ranked highest on the Mohs scale?

- a. Talc
- b. Calcite
- c. Quartz
- d. Diamond

7. Which physical property requires no tools, scales, or other equipment to determine?

- a. Hardness
- b. Fracture
- c. Color
- d. Cleavage

8. Why do you need to run several tests before you can identify a mineral with 100 percent certainty?

- a. Minerals all have the same chemical structure
- b. Many minerals share physical properties in common
- c. Minerals' physical properties can change very quickly
- d. A mineral can only be subjected to a few tests before it degrades

9. What property of a mineral indicates that it has cleavage?

- a. A milky-white color
- b. The ability to be scratched by a steel file
- c. The fact that it sizzles in the presence of hydrochloric acid
- d. Smooth faces

10. What term best describes the way minerals are identified?

- a. Guesswork
- b. Gimmick
- c. Procedure
- d. Trick