

**Directions:** Determine whether the statements below are **true** or **false**. In each false statement, circle the word that makes the statement false and write the correct word on the line after the statement.

- F 1. A mineral is a crystalline liquid. Solid
- T 2. Some minerals form when magma cools. \_\_\_\_\_
- T 3. The phrase "crystal structure" refers to the repeating patterns in which atoms are arranged in a crystal. \_\_\_\_\_
- T 4. Some crystals are formed from minerals dissolved in liquids. \_\_\_\_\_
- F 5. When liquid evaporates, mineral molecules may come together to form crystals. IONS
- T 6. Minerals that are different in other properties may be alike in color. \_\_\_\_\_
- T 7. Tests for hardness and streak help identify minerals. \_\_\_\_\_
- F 8. Two types of cleavage are metallic and glassy. Luster
- F 9. Fracture is the tendency of a mineral to break along a smooth, flat surface. Cleavage
- F 10. Minerals called ores are mined because they contain beautiful substances. useful

\* Please  
Do Not  
Write ON.

**Directions:** Match the descriptions in Column I with the terms in Column II. Write the letter of the correct pair of words in the blank at the left.

### Column I

- B 11. properties that make titanium useful for tennis rackets and wheelchairs
- C 12. minerals mined for titanium
- D 13. products in which titanium is used
- E 14. qualities of a stone that make it a gemstone
- A 15. qualities of a mineral that classify it as ore

### Column II

- a. usefulness, profitability
- b. lightness, durability
- c. ilmenite, rutile
- d. automobiles, aircraft
- e. beauty, rarity