

Physical Science

Chapter 19 Reading Quiz

Name: _____

1. The _____ metals are the most reactive of all metals.
2. What is the main component of steel? _____
3. _____ is used in compounds to make photographic materials.
4. What is the most abundant metal in the earth's crust? _____
5. What was the first metal used? _____
6. _____ elements often form colored compounds.
7. A _____ element is one in which the nucleus breaks down and gives off particles of energy.
8. When metals combine with nonmetals, the atoms of the metals tend to _____ electrons.
9. What type of bond forms between lead and sulfur? _____
10. To _____ the ores and concentrate the metal into the desired form the mining engineer must develop a process that is economical and environmentally sound to be a viable process.
11. A _____ consists of two atoms of the same type in a covalent bond.
12. What U.S. state has the Bingham copper mine? _____
13. What type of elements are brittle solids? _____
14. What element makes up about 21% of the air? _____
15. The word _____ is derived from the Greek term meaning water forming.
16. _____ compounds are used to disinfect water.
17. The process of a solid changing directly to a vapor is called _____.
18. What type of elements are good conductors of heat and electricity?

19. _____ can form ionic or covalent bonds and can have metallic or nonmetallic properties.
20. What element occurs in coal, oil, natural gas and foods? _____
21. The stability of _____ is what makes them useful.
22. What element was discovered in 1898? _____
23. What element is the 4th most abundant in your body? _____
24. Smoke detectors contain the element _____.
25. _____ is the main component in semiconductors.