**Metals, Non-metals, and Metalloids Worksheet**

1. Which group (metals/nonmetals/metalloids) is the largest group?
2. Name at least 4 properties common to most metals.
3. What is the most useful property of metalloids?
4. Which group of elements shares characteristics with both metals and nonmetals?
5. Is Carbon a metal, nonmetal or metalloid?
6. What is the only metal that is a liquid at room temperature?
7. In general, where on the periodic table can nonmetals be found?
8. Most of the elements that form a zigzag line in the periodic table belong to one major group. What is that group, and what kinds of properties do its elements tend to have?
9. Which would be better for making jewelry? Metals or nonmetals. Explain your reasoning.
10. Which would be better for using in electrical wiring (metals, non-metals, or metalloids)? Explain your reasoning.
11. As you move from left to right across the periodic table, elements ...
12. Become less metallic.
13. Have a lower atomic weight.
14. Have a lower atomic number.
15. Become more metallic 7.
16. Most elements are
17. Metals.
18. Metalloids.
19. Nonmetals.
20. Semiconductors.
21. Most nonmetals are
22. Brittle.
23. Metalloids.
24. Good conductors.
25. Shiny.
26. Which element is a metalloids.?
27. Carbon
28. Sodium
29. Silicon
30. Uranium
31. The elements to the right of the zigzag line on the periodic table are called (A) Metalloids. (B) Conductors. (C) Metals. (D) Nonmetals.
32. Most metals are (A) Solid at room temperature. (B) Bad conductors of electric current. (C) Dull. (D) Not malleable.
33. Sulfur is NOT ductile, and NOT malleable. Is sulfur a metal, nonmetal, or metalloid? (A) Metal (B) Metalloid (C) Nonmetal (D) None of the above are correct 15.
34. Which is true about metals? (A) They are ductile (B) They are malleable (C) They are good conductors of electricity and heat (D) All of the above 16.
35. Silicon (#14) can conduct electricity sometimes, but not other times. It is NOT malleable. What is true about silicon? (A) It is a metal (B) It is a metalloid (C) It is a nonmetal (D) It is not found anywhere on earth 17. What is O? (A) Metal (B) Metalloid (C) Nonmetal (D) None of the above 18.