

Directed Reading A *continued*

13. Most elements are _____, which can be found to the left of the zigzag line on the periodic table.
14. Most metals are _____, which means that they can be drawn into thin wires.
15. Most metals are _____ at room temperature.
16. Most metals are malleable. What does this mean?

- _____
17. What metal is flattened into sheets that are made into cans and foil?
- _____
18. What elements are found to the right of the zigzag line on the periodic table?
- _____
19. Semiconductors, also called _____, are the elements that border the zigzag line on the periodic table.

DECODING THE PERIODIC TABLE

- _____ 20. Which elements often share properties?
- a. those in a period c. those with the same color
b. those in a group d. those in a horizontal row
- _____ 21. The physical and chemical properties of the elements change
- a. within a group. c. across each period.
b. within a family. d. across each group.
22. For most elements, the _____ has one or two letters, with the first letter always capitalized.
23. Horizontal rows of elements on the periodic table are called _____.
24. Vertical columns of elements on the periodic table are called _____, or _____.
25. Some elements, such as _____, are named after scientists. Others, such as _____, are named after places.