

**UNIT 10: PERIODIC TABLE** **CHAPTER 10: PERIODIC TABLE** **PERIODIC TABLE**

**Section 10.1** (continued)

In your notebook, read aloud the modern periodic table.

Copy the letterheads in the boxes on the left below from the periodic table to complete the table on the right.

_____
_____
_____
_____
_____

atomic mass	_____
atomic number	_____
electron configuration	_____
chemical name	_____
chemical symbol	_____

Put each item in Column A, under the letter of the matching item in Column B.

**Column A**

**Column B**

- |   |                            |
|---|----------------------------|
| _____ 18. A column in the periodic table                  | a. metals                  |
| _____ 19. A row in the periodic table                     | b. group                   |
| _____ 20. Group 1 elements                                | c. period                  |
| _____ 21. Elements that are shiny and conduct electricity | d. representative elements |
| _____ 22. Group 17 elements                               | e. transition elements     |

In the space on the left, write each of the statements in terms of the statement in bold. Change the underlined word or phrase to make it true.

- \_\_\_\_\_ 23. There are two representative elements of platinum.
- \_\_\_\_\_ 24. Most elements besides boron of the elements in the periodic table are metalloids.
- \_\_\_\_\_ 25. Group 1A elements except for hydrogen are located on the left side.
- \_\_\_\_\_ 26. Group 1A elements are the alkali metal metals.
- \_\_\_\_\_ 27. Group 1A elements are highly reactive nonmetals known as halogens.
- \_\_\_\_\_ 28. Group 1A elements are (a) nonmetallic elements located on representative metals.
- \_\_\_\_\_ 29. Alkali metals have properties of both metals and more reactive metals.

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**H Kauffman**



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