

10.1 Periodic Trends



10.1 PERIODIC TRENDS: FROM CONCEPT TO APPLICATION

Section 10.1: Introduction

In your notebook, read aloud the modern periodic table.

Copy the information in the box on the left below from the periodic table to complete the table on the right.

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Atomic Mass	_____
Atomic Number	_____
Electron Configuration	_____
Chemical Name	_____
Chemical Symbol	_____

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

Column A

- _____ 1. It increases in the periodic table.
- _____ 2. It decreases in the periodic table.
- _____ 3. Group 1 elements.
- _____ 4. Elements that are shiny and conduct electricity.
- _____ 5. Group 17 elements.

Column B

- a. metals
- b. group
- c. period
- d. representative elements
- e. transition elements

In the space on the left, write each of the statements in terms of the statement in italics, change the underlined word as shown in **Model 10.1**.

- _____ 1. There are more representative elements of elements.
- _____ 2. More than one element of the elements in the periodic table are metals.
- _____ 3. Group 1 elements except for hydrogen are metals in the solid state.
- _____ 4. Group 17 elements are the elements with metals.
- _____ 5. Group 1 elements are highly reactive elements in the periodic table.
- _____ 6. Group 17 elements are highly reactive elements in the periodic table.
- _____ 7. Group 1 elements are very reactive elements in the periodic table.
- _____ 8. Elements have properties of both metals and non-metals.

Chapter 6 Study Guide For Content Mastery Answers

Emilie Sanchez

A red circular graphic with a gradient, appearing as a partial circle or a thick arc, located to the right of the author's name.

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