

**SECTION 18 - 2****REVIEW AND REINFORCE**

## Atoms in the Periodic Table

### ◆ Understanding Main Ideas

Refer to the periodic table of elements on page 576 of your text to answer the following questions. Write your answers in the spaces provided.

1. How are the elements arranged in the periodic table?

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2. How can you locate a family of elements in the table? Name all the elements in the oxygen family.

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3. What do members of a family have in common?

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4. How many valence electrons are found in most atoms of the noble gases? Use this information to explain why the noble gases are unreactive.

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5. Compare and contrast the properties of the halogens in Group 17 with the alkali metal family in Group 1.

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### ◆ Building Vocabulary

Write a definition for each of the following terms in the spaces provided.

6. atomic number \_\_\_\_\_

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7. group \_\_\_\_\_

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8. period \_\_\_\_\_

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