MATH SKILLS TRANSPARENCY WORKSHEET

Using the Periodic Table

Use with Chapter 6, Section 6.2

1. Identify the number of valence electrons in each of the following elements.

d. Mg h. Si

2. Identify the energy level of the valence electrons in each of the following elements.

c. Ra

3. Use the periodic table to write the electron configurations (using noble gas notation) for each of the following elements.

a. Li _____

d. Sr _____

4. Determine the group, period, and block of the elements having the following electron configurations.

a. 1s²

b. [Nel3s²3p¹

C [Ar]4s¹

d. [Kr]5s²4d³ _____

[Nc)6s²4f¹⁴5d¹⁰6o⁴

Teaching Transparency The Periodic Table

Rosina Ehmann

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