

Section Review *continued*

MATH SKILLS

8. Calculate the number of atoms of each element represented in each of the following: $2\text{Na}_3\text{PO}_4$, $4\text{Al}_2(\text{SO}_4)_3$, and 6PCl_5 . Show your work below.

CRITICAL THINKING

9. **Analyzing Methods** Describe how to write a formula for a covalent compound. Give an example of a covalent compound.

10. **Applying Concepts** Explain why the subscript in a formula of a chemical compound cannot be changed when balancing an equation.
