

Name \_\_\_\_\_

### **Answer Key: Chemical Formulas and Subscripts**

1. Chemical formulas are representations of molecules and compounds, using element symbols and subscripts. They are important in chemistry for concise communication and identification of substances.

2. Element symbols in a chemical formula represent the types of atoms present in the compound.

3. Subscripts in a chemical formula indicate the number of each type of atom in the compound.

4. If a chemical formula is changed by altering the subscripts, the ratio of elements in the compound changes, and often, the properties of the compound change as well.

5. False