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CHEMICAL NAMES AND FORMULAS**Vocabulary Review**

Match the correct vocabulary term to each numbered statement. Write the letter of the correct term on the line.

Column A**Column B**

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|---|---------------------------------------|
| _____ 1. compounds that contain one or more hydrogen atoms and produce hydrogen ions in solution | a. anion |
| _____ 2. an ionic compound that produces hydroxide ions when dissolved in water | b. law of multiple proportions |
| _____ 3. any atom or group of atoms that has a positive charge | c. base |
| _____ 4. compounds composed of metal cations and nonmetal anions | d. ionic compounds |
| _____ 5. composed of two elements and can be either ionic or molecular | e. binary compound |
| _____ 6. an ion consisting of a single atom with a positive or negative charge | f. monatomic ion |
| _____ 7. Whenever two elements form more than one compound, the different masses of one element that combine with the same mass of the other element are in the ratio of small whole numbers. | g. cation |
| _____ 8. a tightly bound group of atoms that behaves as a unit and carries a charge | h. polyatomic ion |
| _____ 9. In samples of any chemical compound, the masses of the elements are always in the same proportions. | i. acids |
| _____ 10. any atom or group of atoms that has a negative charge | j. law of definite proportions |