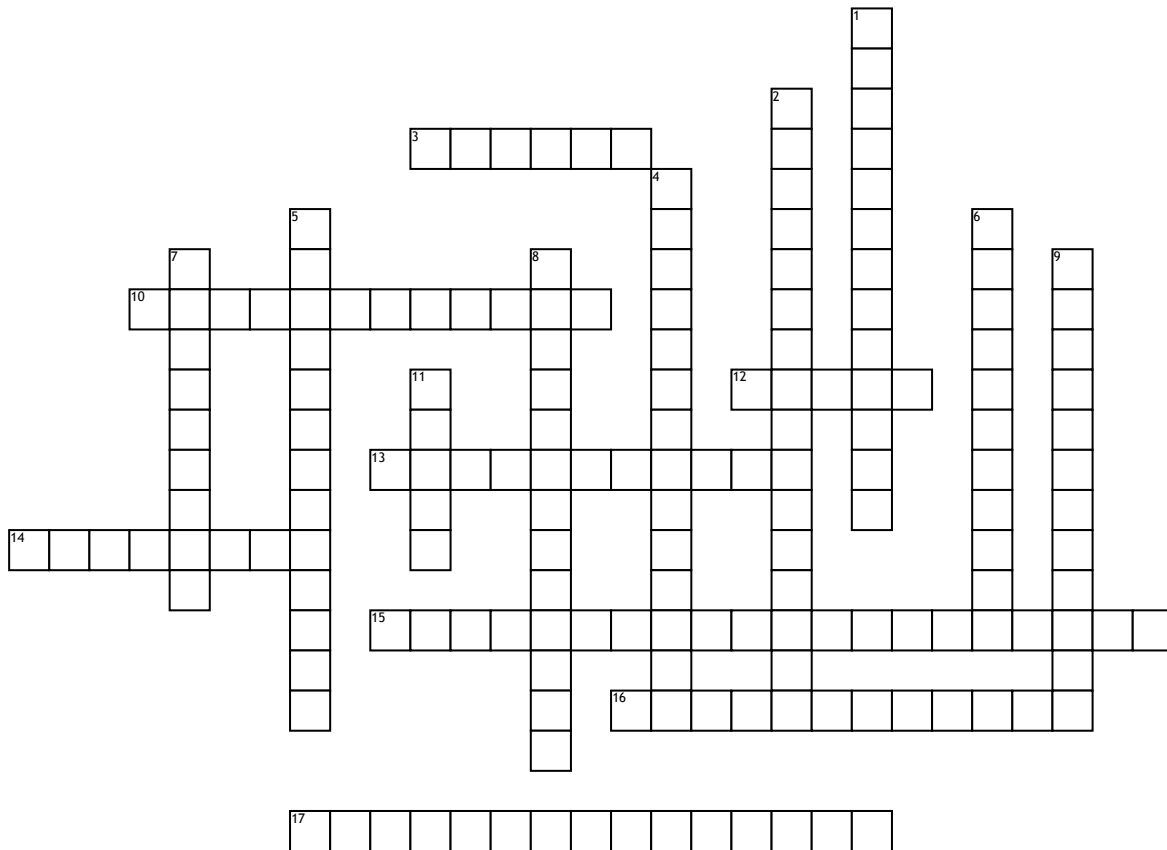


Name: _____

Date: _____

chemistry crossword



Across

3. a positively charged ion
 10. a one atom ion
 12. a negatively charged ion
 13. an ionic compound whose aqueous solution conducts an electric current
 14. a polyatomic ion composed of an element, usually a nonmetal, bonded to one or more oxygen atoms
 15. electrons that are in the outer energy levels of the bonding metallic atoms and are not held by any specific atom and can move from one atom to another easily

16. the attraction of a metallic cation for delocalized electrons
 17. also known as the oxidation state

Down

1. compound that contains ionic bonds
 2. a model that proposes that all the metal atoms in a metallic solid contribute their valence electrons from a sea of electrons
 4. a three dimensional geometric arrangement of particles

5. the energy required to separate 1 molecule of the ions of an ionic compound
 6. the chemical formula for an ionic compound
 7. the electrostatic force that holds oppositely charged particles together in an ionic compound
 8. ion made up of more than one atom
 9. a force that holds two atoms together,
 11. the mixture of elements that has metallic properties