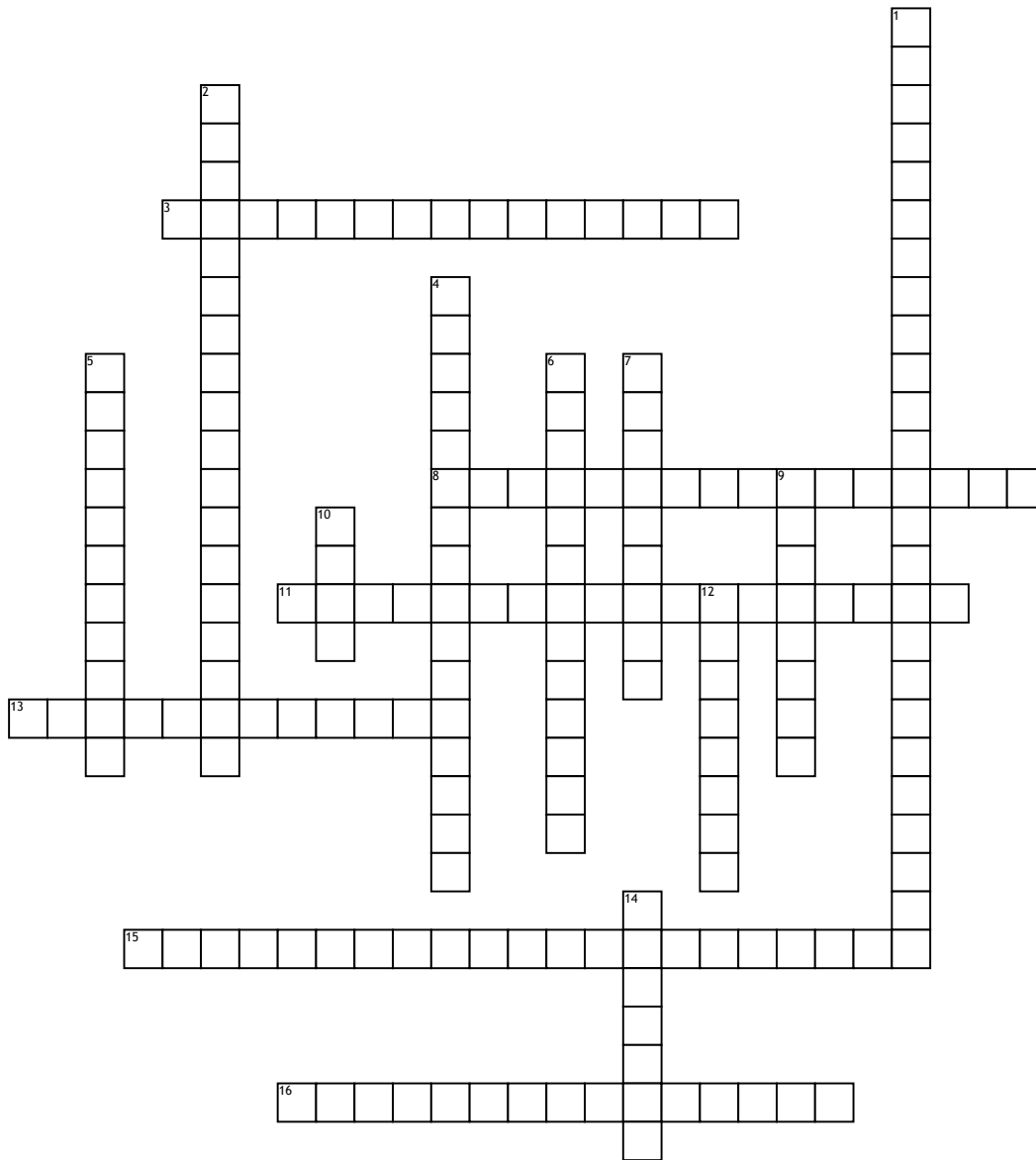


Name: _____

Date: _____

Chemistry Project



Across

3. outermost electron
 8. energy required to remove an electron from a gaseous atom or ion
 11. One pair of shared electrons
 13. useful tool for determining the precision of your calculations
 15. chemical compound into its two or more elemental parts or to simpler compounds
 16. 6.02×10^{23}

Down

1. type of chemical reaction where an element reacts with a compound and takes the place of another element in that compound
 2. chemical reaction in which the number of atoms for each element in the reaction and the total charge are the same for both the reactants and the products
 4. a chemical formula showing the simplest ratio of elements in a compound

5. acronym for Valence Shell Electron Pair Repulsion
 6. chemical composed of ions
 7. physical property defined as the mass of a given substance divided by the amount of substance
 9. neutrally charged particle
 10. corrosive chemical substance
 12. negative charged particle
 14. positive charged particles