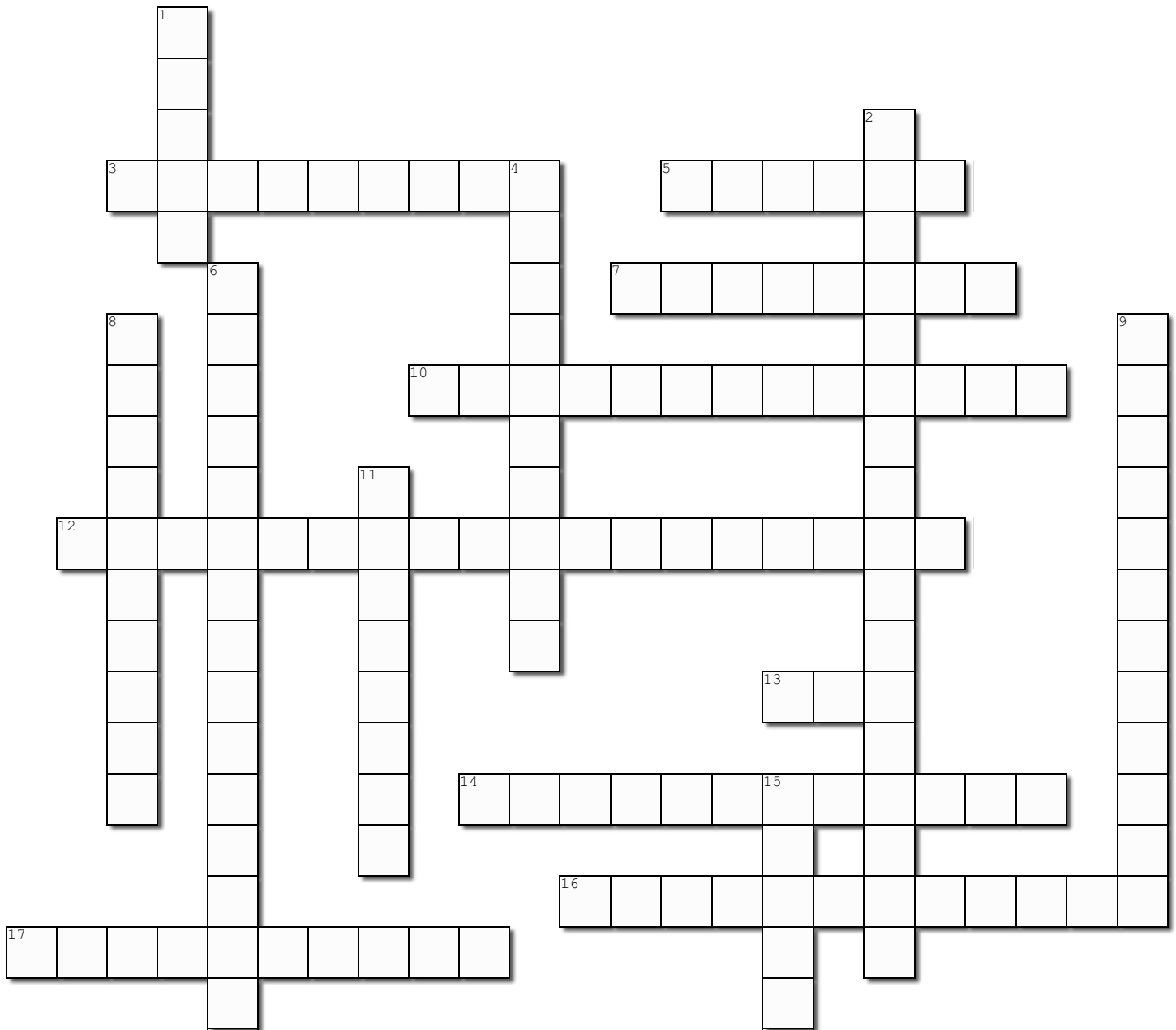


Name: _____

Physical Science Chapter 6 Vocabulary Crossword Puzzle

Fill in the vocabulary word that goes with each definition.



Across

- 3. the force that holds cations and anions together
- 5. an ion with a positive charge
- 7. solids whose particles are arranged in a lattice structure
- 10. a covalently bonded group of atoms that has a positive or negative charge
- 12. a model of the atom in which each dot represents a valence electron
- 13. an atom that has a net positive or negative charge
- 14. the force that holds atoms or ions together as a unit
- 16. a chemical bond in which two atoms share valence electrons
- 17. two atoms share 3 pairs of electrons

Down

- 1. an ion with a negative charge
- 2. a covalent bond in which electrons are not shared equally
- 4. two atoms share 2 pairs of electrons
- 6. a notation that shows what elements a compound contains and the ratio of the atoms or ions of the elements
- 8. two atoms share 1 pair of electrons
- 9. the attraction between a metal cation and the shared electrons that surround it
- 11. a neutral group of atoms that are joined together by one or more covalent bonds
- 15. a mixture of two or more elements, at least one of which is a metal