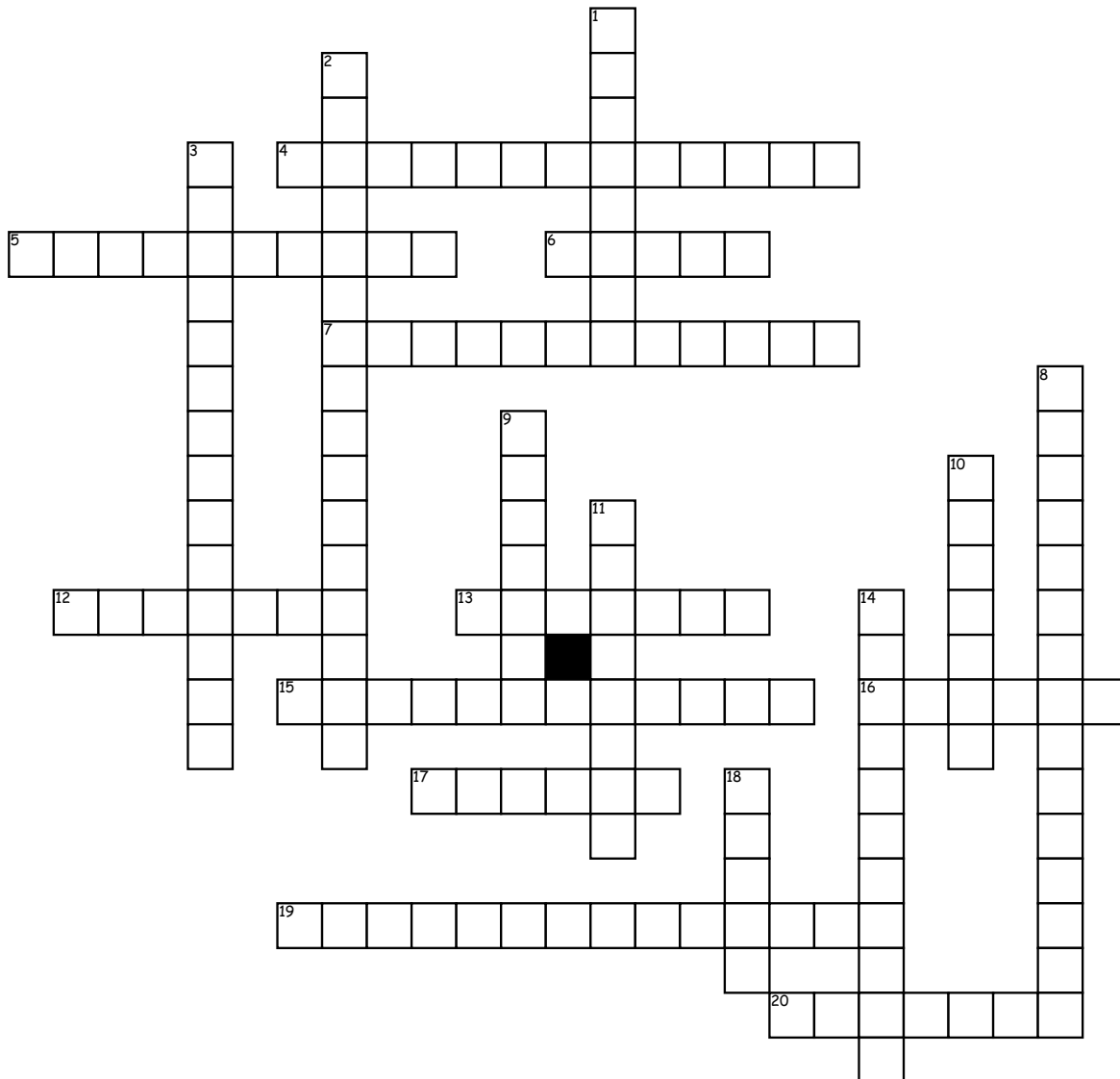


Name: _____

Date: _____

Science



Across

4. an arrangement of the elements in order of their atomic numbers so that elements with similar properties fall in the same column, group
5. Mixture in which the particles of a material are spread throughout a liquid or gas but are too large to stay mixed without being stirred or shaken
6. term for the columns of the periodic table also known as families
7. Number of protons in the nucleus of an atom
12. a pure substance made of only one kind of atom
13. very center of an atom
15. bond created by sharing of electrons

16. Anything that has mass or volume

17. positively charged particle in the nucleus of the atom

19. a usually reversible change in the physical properties of a substance, as size or shape

20. particle in the nucleus that has no charge

Down

1. negatively charged particle that orbits the center of the atom

2. The change of one or more substances into other substances

3. 1 or 2 letter abbreviation for an element

8. an electron that is associated with an atom, and that can participate in the formation of a chemical bond;

9. Two or more pure substances that are mixed but not chemically bonded

10. A physical property that means the mass per unit of volume of a substance

11. One substance dissolved into another substance

14. Substances are evenly spread throughout in a mixture

18. elements that are good conductors of electricity and heat often shiny and bendable