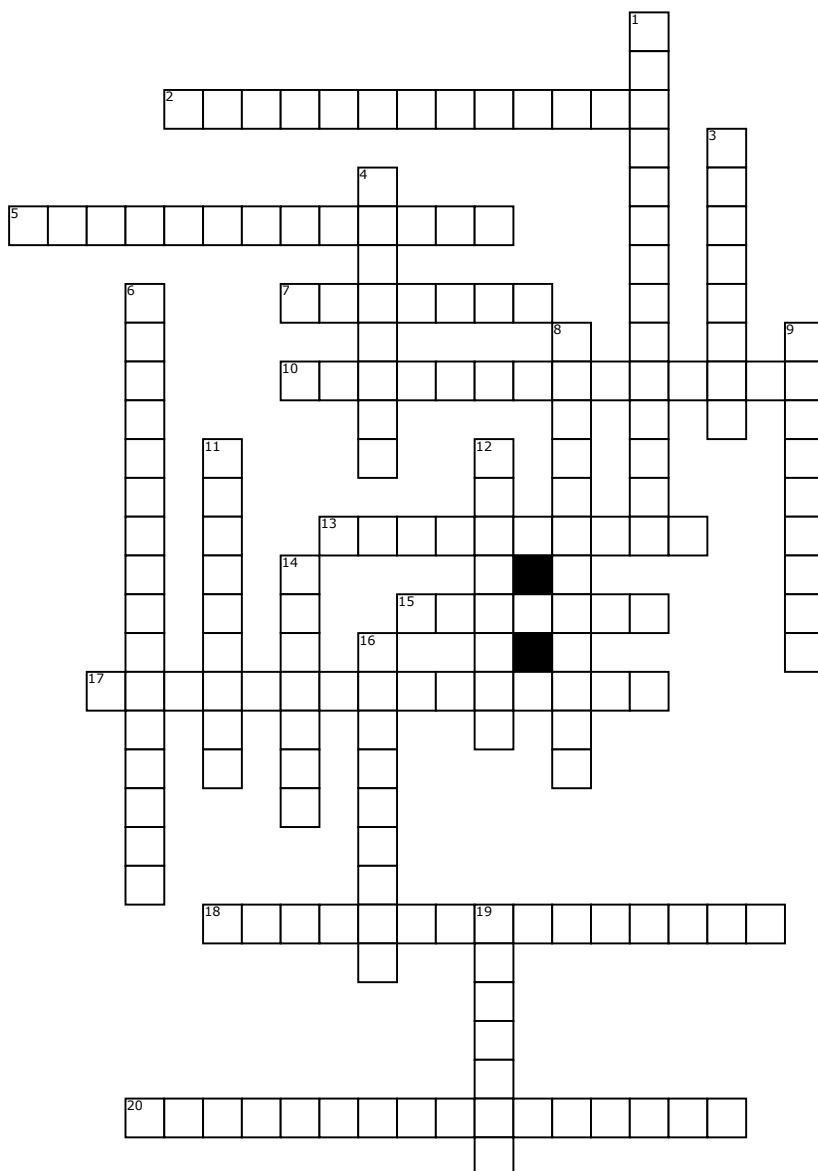


Name: _____ Date: _____ Period: _____

Side #1



Across

- 2.** the total amount of kinetic energy of particles in an object
- 5.** matter that always has exactly the same composition
- 7.** new substances formed as result of a chemical reaction
- 10.** change of one substance into another substance
- 13.** elements in group 8A of the periodic table
- 15.** able to be drawn out into a thin wire
- 17.** chemical reaction in which a substance reacts rapidly with oxygen often producing heat and light

18. measure of the tendency of an atom to attract a bonding pair of substances

20. characteristic of a substance that describes how it can form a new substance

Down

- 1.** change of one substance that does not change the substance into a different one
- 3.** substance made up of 2 or more different types of atoms bonded together
- 4.** elements in group 7A of the periodic table
- 6.** characteristic of a substance that can be observed without changing the identity of the substance

8. material's ability to burn in the presence of oxygen

9. substance that undergoes change in a chemical reaction

11. ability of a solid to be hammered without shattering

12. group of atoms that are held together by covalent bonds so that they move as a single unit

14. property of matter representing the mass per unit volume

16. tendency of a liquid to keep from flowing

19. combination of 2 or more substances that do not combine chemically but remain the same individual substance