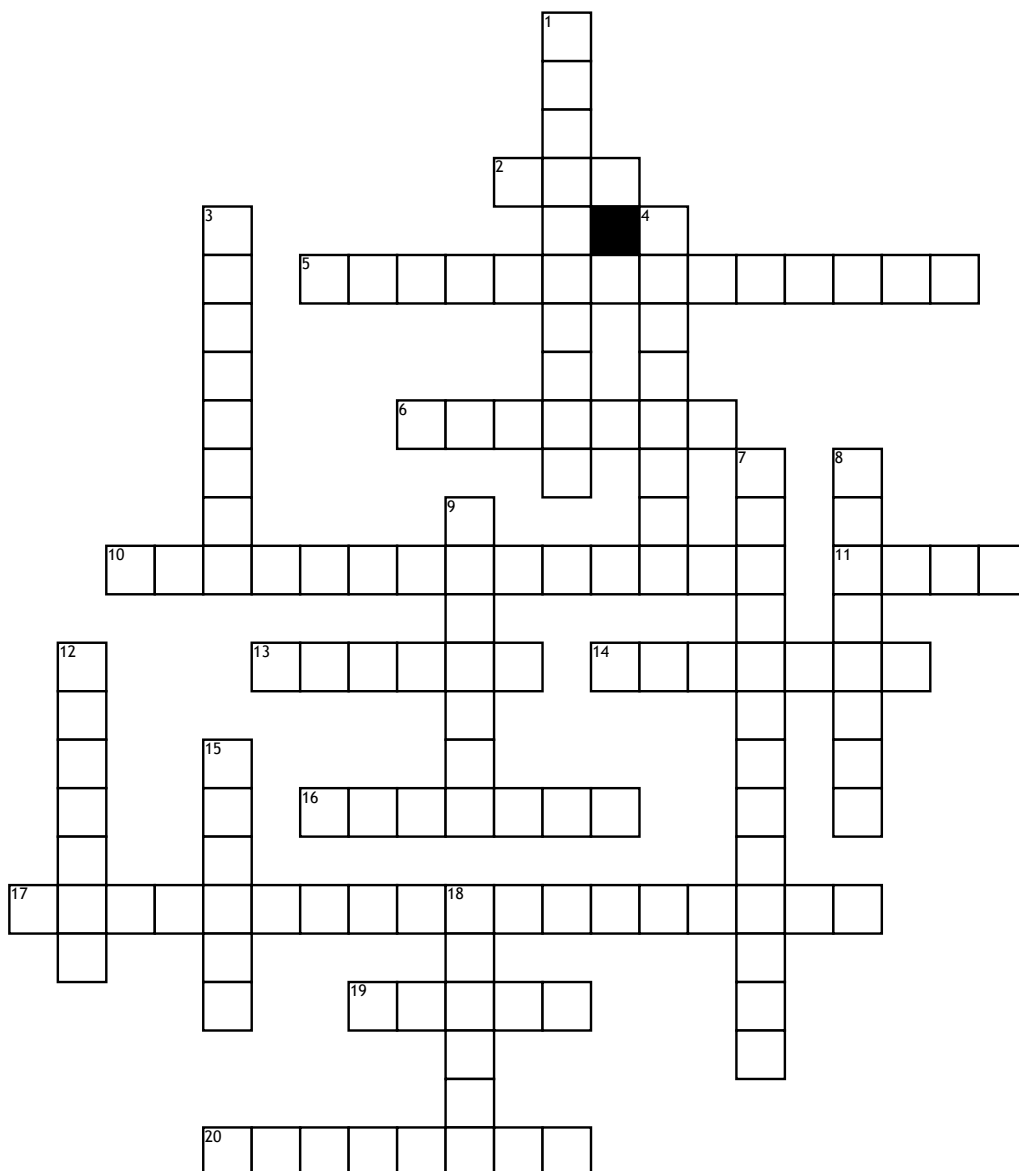


Breakfast



Across

2. abbreviation for atomic mass unit

5. a change that occurs without altering the chemical composition

6. is a comparison of how much matter there is in a certain amount of space. It is a ratio of mass and volume.

10. a change that results in the formation of a new chemical substance through the making or breaking of bonds between atoms.

11. a measurement of the amount of matter something contains. It is typically measured in grams.

13. is the amount of space that an object or substance occupies. It is typically measured in cm^3 or mL.

14. negative charge, subatomic particle found in the nucleus

16. formed by physically mixing substances together. Retain their own properties and can be separated out by physical means.

17. particles such as electrons, protons, and neutrons

19. small particles that make up matter

20. things that make up the periodic table

Down

1. protons + neutrons =

3. composed of two or more atoms of the same element. These atoms are chemically bonded together.

4. neutral charge, subatomic particle found in the electron cloud

7. found outside of nucleus, made up of space and electrons

8. substance made up of two or more elements chemically combined

9. a substance that cannot be broken down any further by chemical or physical means

12. found in the center of the atom

15. a substance or material which occupies space and possess rest mass

18. positive charge, subatomic particle found in the nucleus