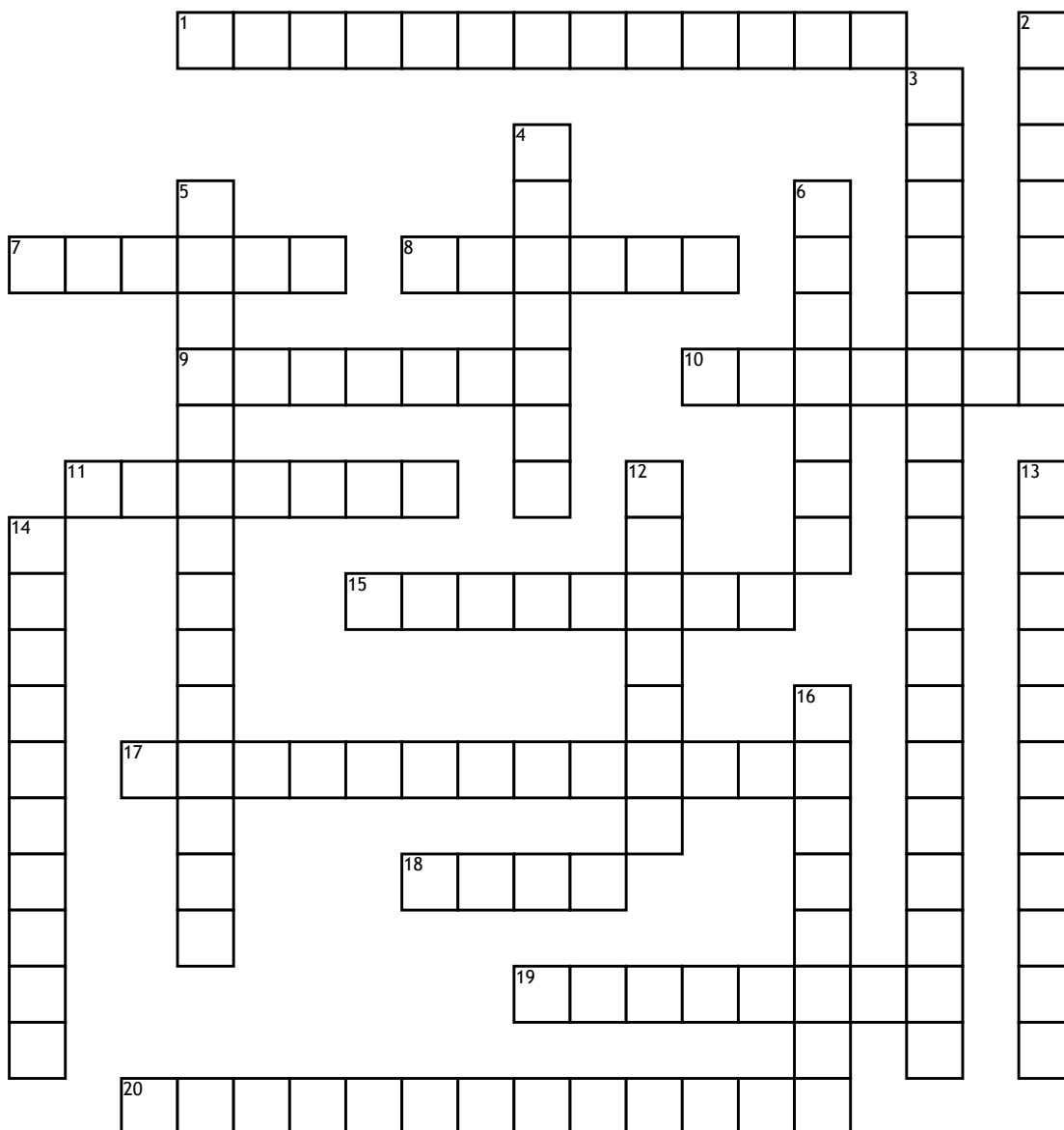


Name: _____

Date: _____

Matter



Across

1. A mixture composed of two or more pure substances with different properties
7. Anything that has mass and takes up space
8. Number and unit of mass for protons and neutrons
9. A substance made by combining substances together
10. identity of an element
11. Location of electrons
15. A mixture of two or more elements

17. Substances that are made up one atom or one molecule

18. The basic unit of a chemical element

19. Charge of protons

20. A table of elements that lists the elements in order by atomic number

Down

2. Location on protons and neutrons
3. A particle smaller than an atom

4. A kind of atom that cannot be separated into simpler substances by chemical or physical means

5. Abbreviation for amu

6. Number and unit of mass of electrons

12. Charge of neutrons

13. A mixture that has uniform composition

14. Size of an atom

16. Charge of electrons