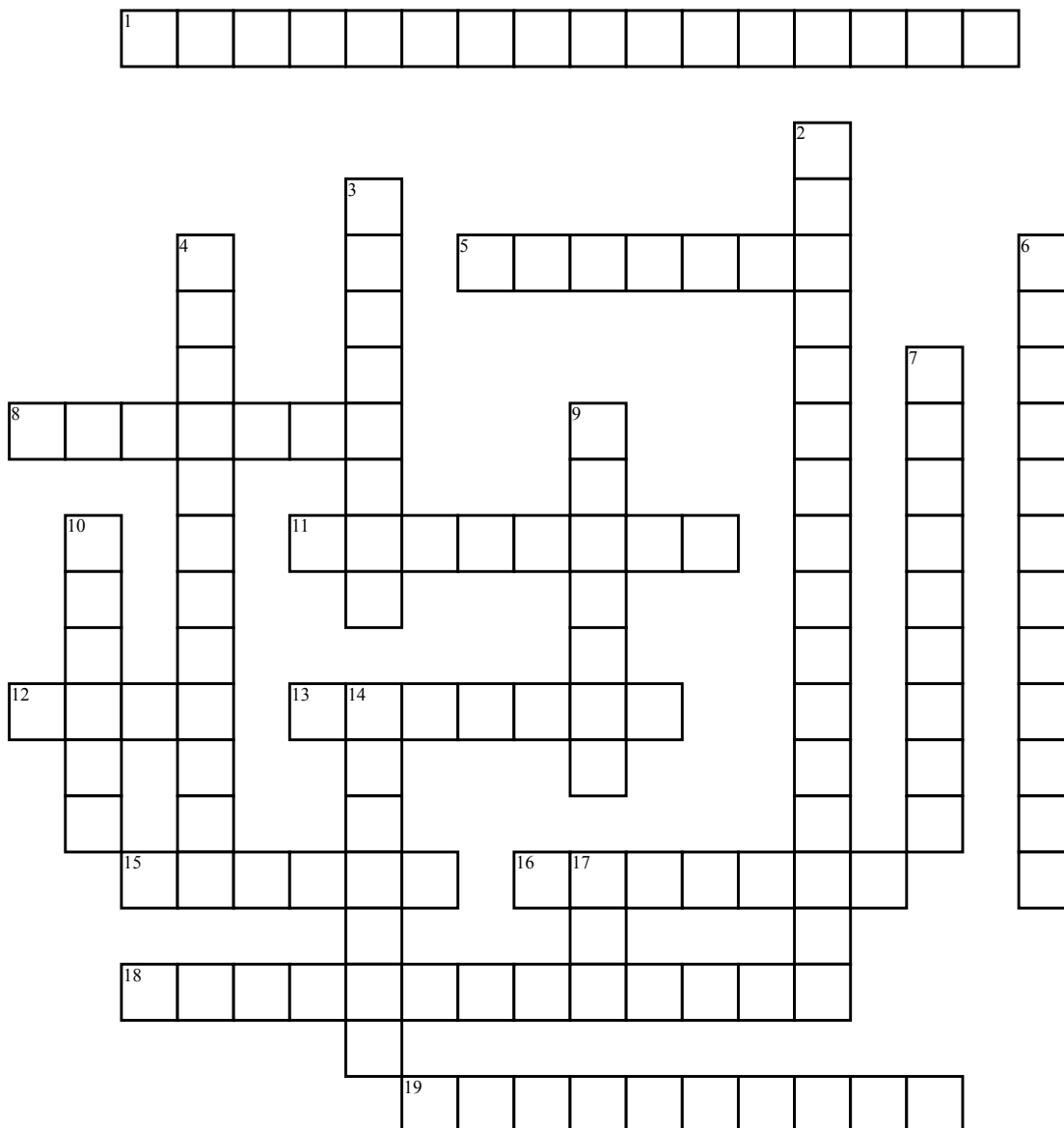


Name: _____ Date: _____ Period: _____

science vocab



Across

1. chreactices of an element or compound that determine how it will react with other elements or compounds
 5. how highly packed a substance's molecules are the mass of an object divided by its volume is g/cm³
 8. a form of matter that contains only one kind of atom cannot be broken down into a simpler substance
 11. a type of matter containing two or more chemically combined elements and having physical and chemical properties different from each of the elements
 12. the smallest particles of an element that still have all the properties of that element the building blocks of matter
 13. the splitting of the nucleus of atoms of heavy elements to relese energy

15. one of the two particles that make up the nucleus of an atom it has a positive electric charge

16. a combination of different substances in witch each of the components keeps its own physical and chemical properties despite being mixed

18. an alternate energy source produced from atomic reaction

19. the sum of the number of protons and neutrons in an atom's nuclues

Down

2. characteristics of an element or a compound color density ect. but dont affect how it will react with other elements or compounds
 3. a kind of mixture formed when one substance is dissolved in another

4. equals the number of protons in the nucleus of an atom

6. radio active waste materials produced by nuclear power plants must be safely stored to prevent it from entering the envierment

7. one of three substance particles moves around the nucleus of an atom has a negative charge

9. one of the two particles that make up the nucleus of an atom it has no electronic charge

10. anything that takes up space and has mass the charactices of matter determines by its atoms

14. atoms of the same element that have different numbers of neutrons in their nucleus but the same number of protons

17. an atom with an electrical charge