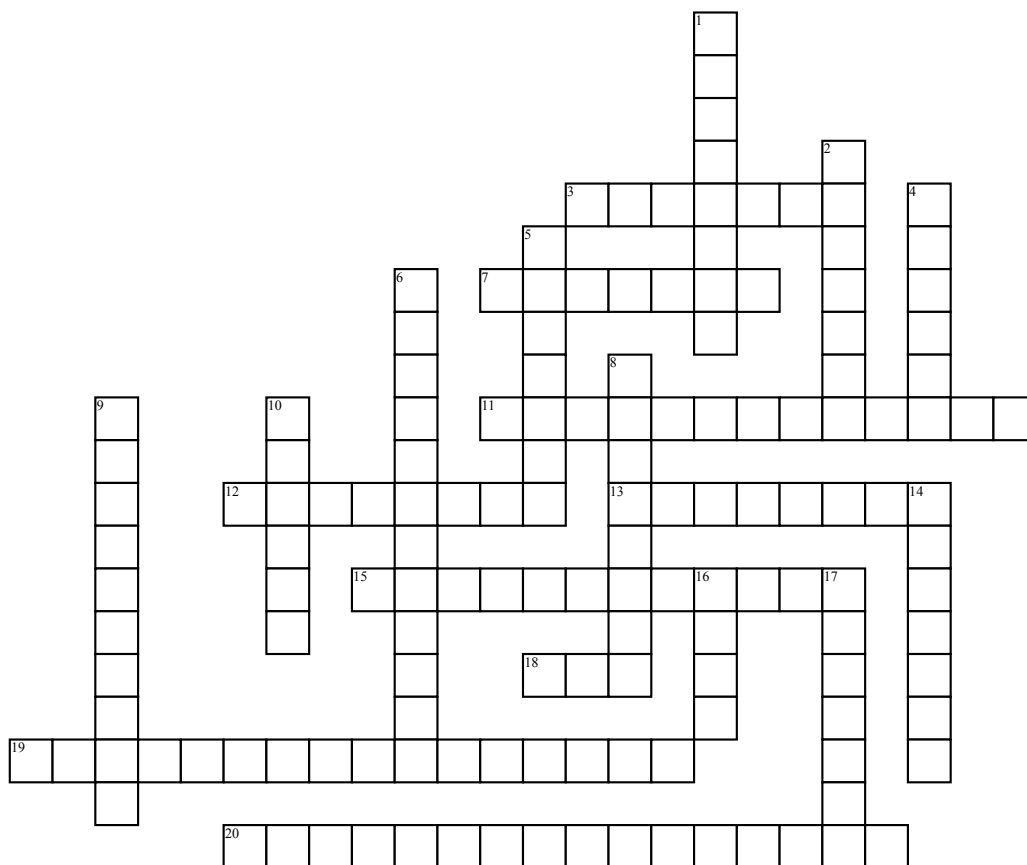


Name: _____ Date: _____ Period: _____

Science Word Crossword



Across

3. Atoms of the same element that have different numbers of neutrons

7. The splitting of an atomic nucleus to release energy.

11. An alternate energy source produced from atomic reactions

12. smallest unit of most compounds

13. a type of matter containing two or more chemically combined elements and having physical and chemical properties different from each of the elements in it

15. radioactive waste material produced by nuclear power plants

18. an atom with an electrical charge

19. A characteristic of a pure substance that describes its ability to change into different substances

20. characteristics of an element or a compound that affect weight color density

Down

1. A homogeneous mixture of two or more substances

2. one of two particles that make up the nucleus of an atom

4. Anything that has mass and takes up space

5. A combination of two or more substances that are not chemically combined

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

8. one of the three subatomic particle

9. the sum of the number of neutrons and protons in an atomic nucleus

10. particle that carries a positive charge

14. how highly packed a substance's molecules are

16. Smallest particle of an element

17. a form of matter contains only one kind of atom

Word Bank

atomic number

density

isotope

matter

proton

electron

compound

solution

neutron

physical property

Ion

chemical property

nuclear energy

mixture

nuclear waste

Atom

element

fission

mass number

molecule