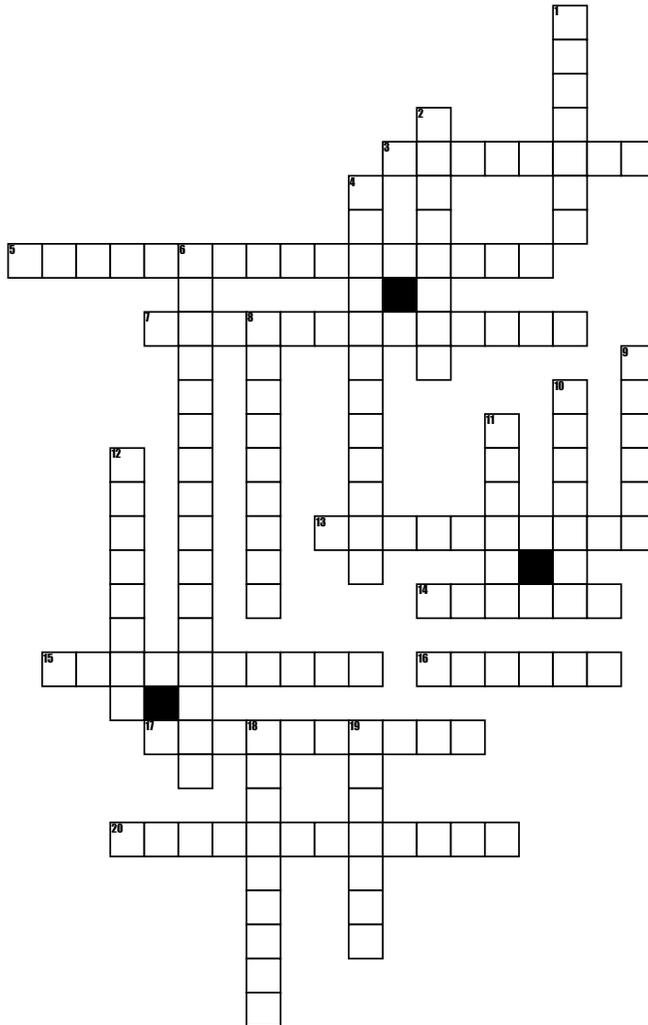


The Periodic Table Crossword Puzzle



Across

- 3.** negative particle in atom
5. a property of matter that can be observed or measured without changing the matter's identity
7. The name of the table
13. An element that has some characteristics of both metals and nonmetals
14. metallic, glassy, pearly, or dull
15. An element that lacks most of the properties of a metal
16. positive particle in atom

17. the number of protons plus neutrons in the nucleus of an atom

20. between two nonmetals and is the weakest bond

Down

- 1.** Neutral particle in atom
2. containing a single type of atom
4. the number of protons in a atom
6. produce a change in composition of matter
8. bond that is made of a metal and a nonmetal and is the second strongest

9. A class of elements characterized by physical properties that include shininess, malleability, ductility, and conductivity.

10. can be drawn into wires

11. there is a 1st,2nd,3rd

12. 2 or more different atoms bonded together

18. Can be hammered into sheets and other shapes without breaking

19. a substance made by mixing other substances together

Word Bank

mixture
 neutron
 ionic bond
 covalent bond

nonmetals
 metalloids
 proton
 Periodic table

atomic mass
 chemical property
 luster
 physical property

metals
 compound
 ductile
 atomic number

electron
 malleable
 Elements
 shells