

Name _____



Date _____

Vocabulary 3 IPC

molecule	atomic number	compound	atom
gas	electron	plasma	nucleus
state of matter	neutron	proton	mass number
solid	liquid	model	natural element
element			

Matching

Match each definition with a word.

1. _____ the smallest particle of a compound which can exist and have the properties of that substance
2. _____ An element found in nature.
3. _____ The three forms of matter (liquid, solid, and gas).
4. _____ A substance that is made up of two or more elements chemically joined together.
5. _____ a tiny particle in an atom with the weight of a proton and no electrical charge.
6. _____ A state of matter that has no fixed shape and no fixed volume.
7. _____ the state of matter that does not have a definite shape or volume and whose particles have broken apart; plasma is composed of electrons and positively charged ions
Picture or Idea built to explain how something works
8. _____ ~~A representative form or pattern.~~
9. _____ Sum of the protons and neutrons in the nucleus of an atom.
10. _____ A state of matter that has no fixed shape but that has a definite volume.
11. _____ The basic building block of matter.
12. _____ Substance made up of only one kind of atom.
13. _____ A state of matter that has a definite shape and a definite volume.
14. _____ Number assigned to each element that is the number of protons in the nucleus of one of its atoms.
15. _____ A very tiny particle that moves around the nucleus of the atom in layers called "shells." It has a negative electric charge.
16. _____ The center of an atom.
17. _____ Positively charged particle located in the nucleus of an atom.