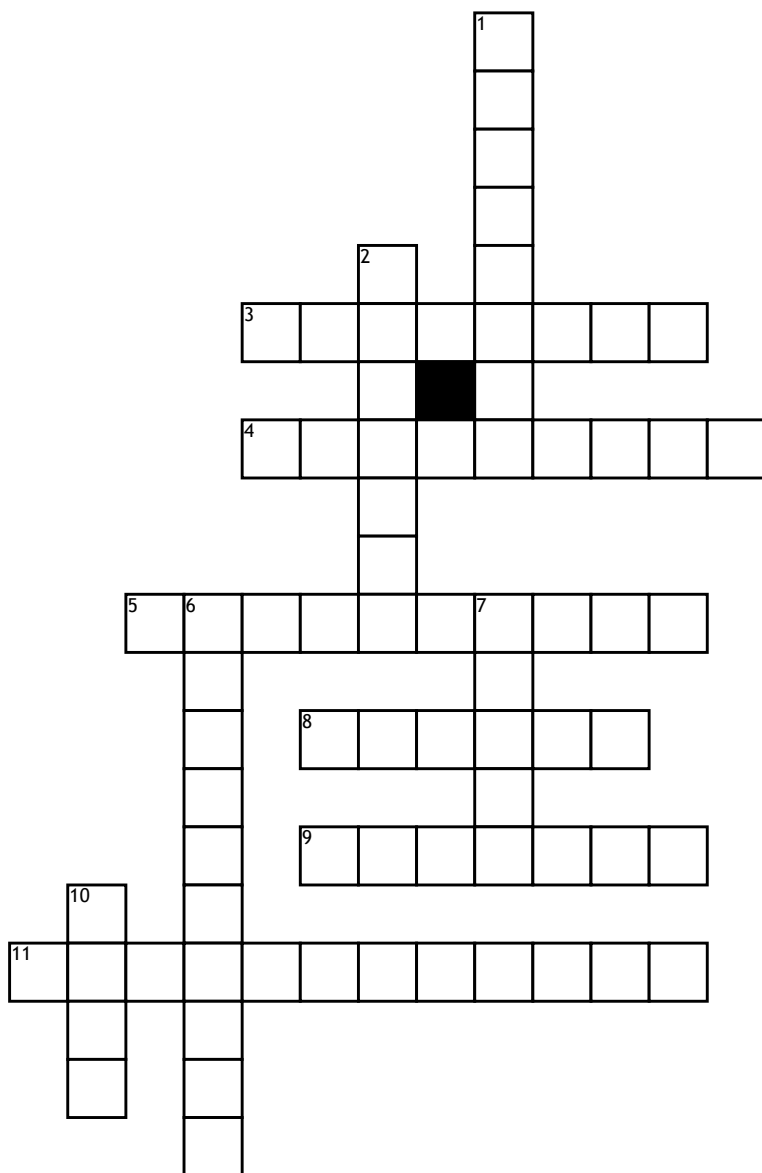


Name: _____

Date: _____

Atom Vocabulary



Across

3. invisible, negatively charged particle located in a cloudlike formation that surrounds the nucleus of an atom
4. element that has characteristics of both metals and nonmetals and is a solid at room temperature
5. sum of the number of protons and neutrons in the nucleus of an atom
8. positively charged particle located in the nucleus of an atom and that is counted to identify the atomic number
9. positively charged, central part of an atom
11. number of protons in the nucleus of each atom of a given element

Down

1. elements that are usually gases or brittle solids and poor conductors of electricity and heat
2. an uncharged particle located in the nucleus of an atom
6. average mass of an atom of an element
7. element that is malleable, ductile, a good conductor of electricity, and generally has a shiny or metallic luster
10. a very small particle that makes up most kinds of matter and consists of smaller parts called protons, neutrons, and electrons