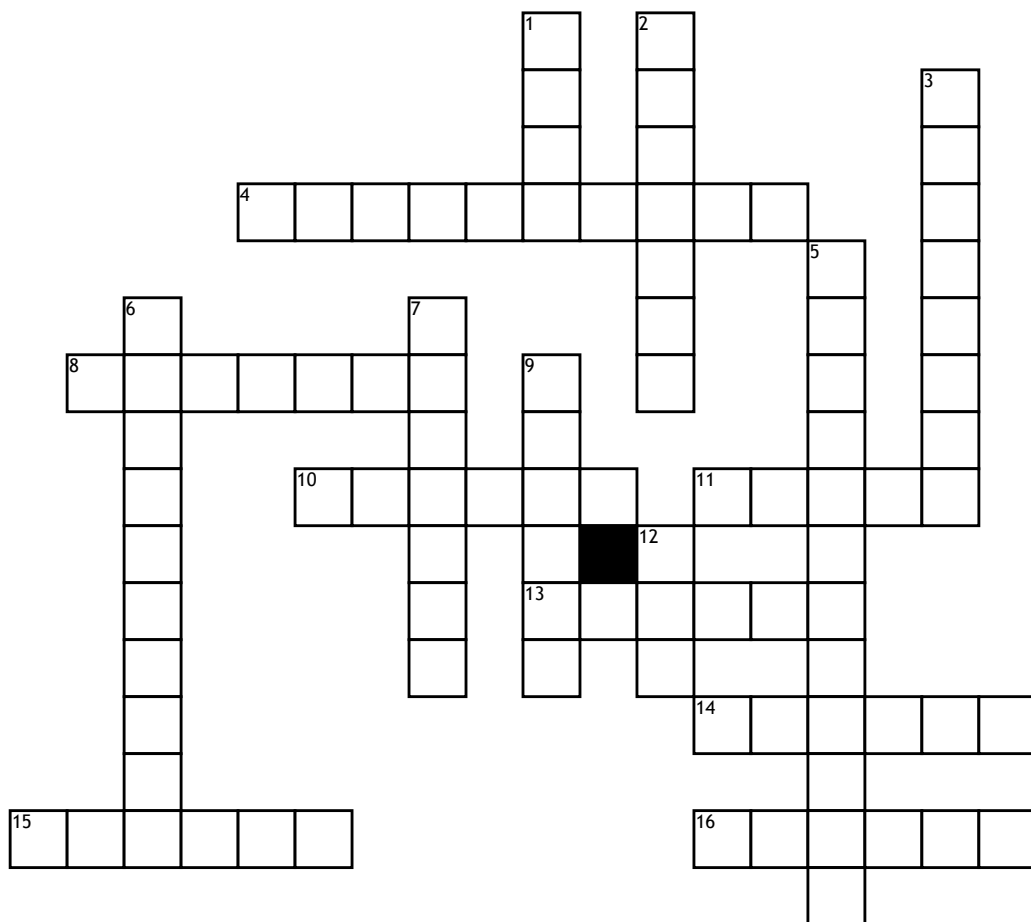


Name: _____

Date: _____

Atomic Structure and Periodic Table



Across

4. ancient Greek who first thought of atoms
8. electrons in the outermost electron shell
10. a positively charged ion
11. a negatively charged ion
13. positively charged particle in the nucleus
14. the shortened form of an elements name; found on the periodic table

15. a horizontal row on the periodic table

16. the rings around the nucleus in a Bohr model

Down

1. last name of man whose model shows electrons in shells around the nucleus
2. same number of protons with different number of neutrons

3. negatively charged particles that fly around the nucleus

5. represents the number of protons an atom has

6. protons plus the number of neutrons

7. particle located in the nucleus with no charge

9. the vertical columns on the periodic table

12. any charged particle

Word Bank

groups

Democritus

electron

anion

cation

Bohr

shells

ion

valence

proton

period

isotope

symbol

massnumber

neutron

atomicnumber