

Name _____ period _____

8th Grade DO NOW

WEEK 9

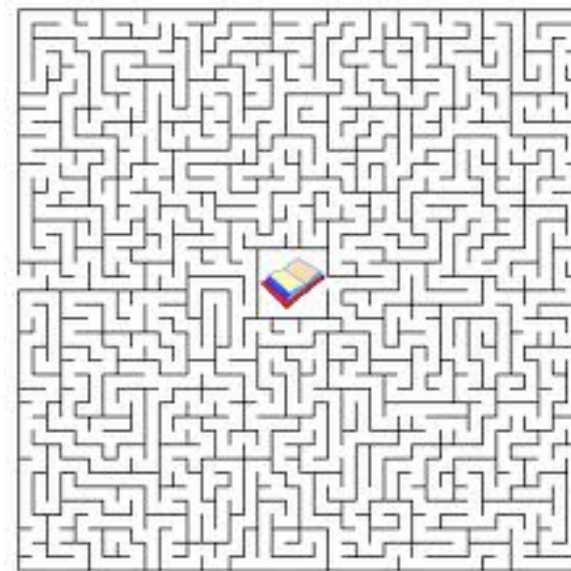
Date _____

Match the structures found in the atom with its definition

- | | |
|-------------------------|---|
| _____ 1. Proton | A. Center of the atom, made up of protons and neutrons |
| _____ 2. Neutron | B. Smallest particle in the atom, has a negative charge |
| _____ 3. Electron | C. region in an atom where electrons are found |
| _____ 4. Nucleus | D. Particle in the nucleus with a positive charge |
| _____ 5. Electron Cloud | E. Particle in the nucleus with no charge |

Date _____

Draw the structure of an atom and label each of the structures listed above.



Date _____

Match the information

- | | |
|----------------------------|---|
| _____ 1. Atomic Number | A. Electrons with the most energy are found here |
| _____ 2. Atomic Mass | B. Number of electrons in the last level of the electron cloud of an atom |
| _____ 3. Valence Electrons | C. found by looking at the number of protons |
| _____ 4. Neutrons | D. The average number of protons and neutrons in an atom |
| _____ 5. Far from nucleus | E. number found by subtracting the number of protons from the atomic mass |

Date _____

Match the name with the picture.

1. _____ Atomic Number

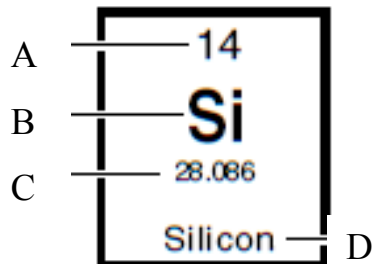
2. _____ Atomic Mass

3. _____ Symbol

4. _____ Name of element

5. _____ Number of protons

6. _____ Number of electrons



Date _____

Pick one of the first 20 elements from your periodic table and draw the structure with the nucleus, proton number, neutron number, electron cloud and energy levels with electrons.

V Y U F N O R T U E N J
G I J K N Z Z T Q G R H
T E Z J N P U O R G M V
D L E H D T U Q O G C S
O E C L I E O P Q I E Z
I M Z S E P O F M X P L
R E A G M C F O F N O E
E N J G X O T D P O T D
P T U E M A T R S V O Z
F M X H K W V A O H S I
V Z C Q F B M N Y N I R
L T E R E C T Y I F X O

Word List

ATOMIC

ATOMS

ELECTRON

ELEMENT

GROUP

ISOTOPE

NEUTRON

PERIOD