

Name: \_\_\_\_\_

Period: \_\_\_\_\_

### Structure of the Atom

1. What is the mass number of an atom?

2. Describe the composition of  $^{75}\text{As}$ .

Protons: \_\_\_\_\_

Neutrons: \_\_\_\_\_

Electrons: \_\_\_\_\_

3. Describe the proton, neutron, and the electron in terms of mass, charge and location in the atom.

	Mass	Charge	Location
Proton			
Neutron			
Electron			

4. Complete the following table:

Symbol	Z	A	Protons	Neutrons	Electrons
Bi		209			
	56	138			
Sn				70	
Kr		84			
Ca				20	20
	47			61	
W				110	
		235		143	
		52	24		

