

Name: _____
 Period: _____

ATOMIC STRUCTURE QUIZ

1. List the number of protons, neutrons, and electrons in each of the following atoms. Then name the isotope.

	Protons	Neutrons	Electrons	Name of Isotope
$^{58}_{26}\text{Fe}$	_____	_____	_____	_____
^9_4Be	_____	_____	_____	_____
$^{80}_{35}\text{Br}$	_____	_____	_____	_____
$^{66}_{30}\text{Zn}$	_____	_____	_____	_____
$^{60}_{27}\text{Co}$	_____	_____	_____	_____
$^{23}_{11}\text{Na}$	_____	_____	_____	_____

2. Complete the following table:

Element Name	Symbol	Protons	Electrons	Neutrons	Atomic #	Mass #	Atomic Mass
_____	_____	_____	_____	9	9	_____	_____
_____	_____	_____	_____	8	_____	16	_____
_____	_____	_____	22	23	_____	_____	_____
_____	Zn	_____	_____	_____	_____	68	_____
_____	_____	20	_____	_____	_____	44	_____
_____	Hg	_____	_____	_____	_____	200	_____

3. Answer the following questions:

- Which element has 12 protons: _____
- An element with a mass # of 12 and it has 5 protons what is the number of neutrons? _____
- The charge of a proton is _____, a neutron is _____, and an electrons charge is _____
- The two sub atomic particles in the nucleus are the _____ & _____.