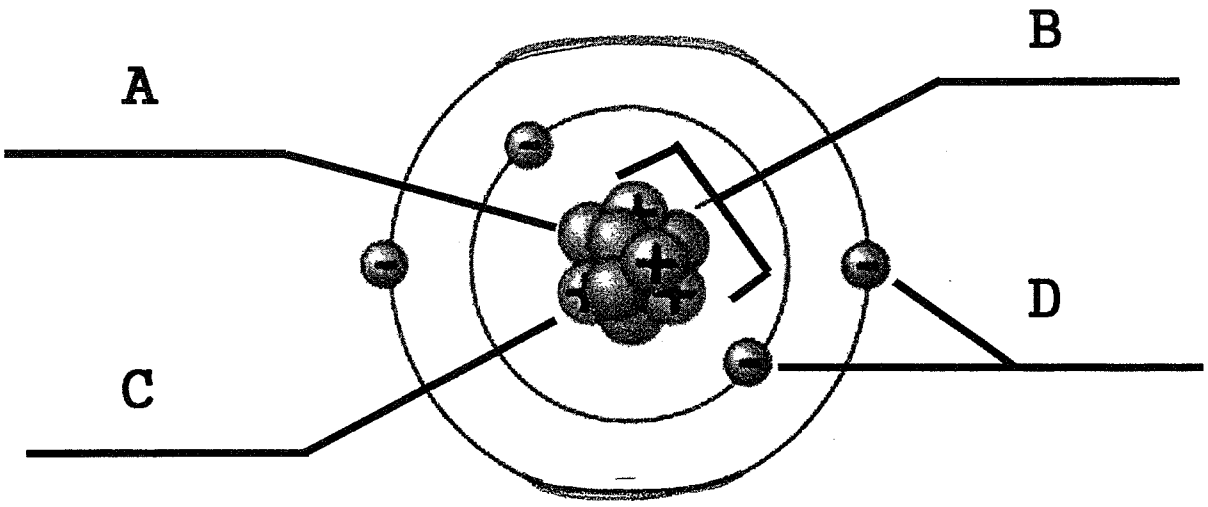
Name: _____ Date: _____

Review For Quiz #2: The Atom

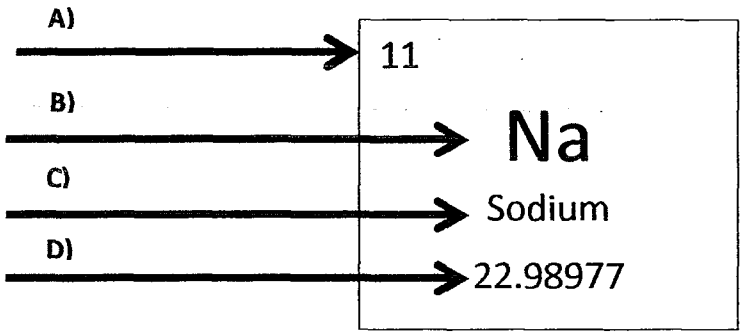
1. Directions: Label the parts of the atom below using the phrases: *Proton, Neutron, Electron, & Nucleus.*



2. Directions: Fill in the chart below.

What are the 3 types of subatomic particles?	What is the charge of each subatomic particle?	Where is each subatomic particle located?	How do you find the number of each subatomic particle in an atom?

3. Directions: Label the following diagram using the phrases in the word bank below:



Word Bank:

Name
Symbol
Atomic Number
Atomic Mass

4. Directions: Write what each letter in the acronym "APE MAN" stands for.

A **M**

P **A**

E **N**

5. Directions: Fill in the missing values using the periodic table of elements & "APE MAN".

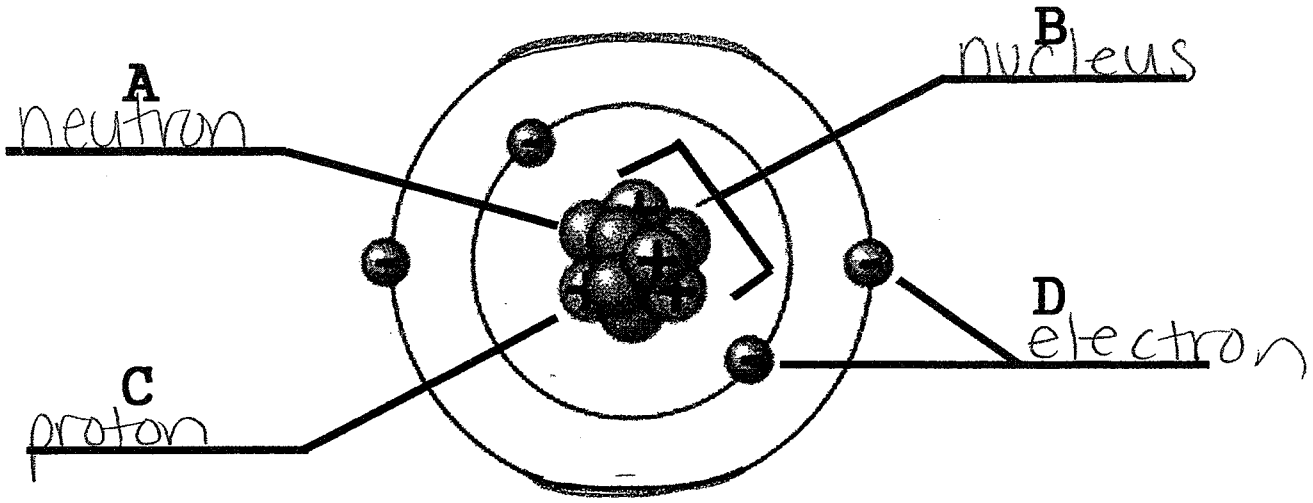
6 **C** _____ 12.01	13 _____ Aluminum 26.98	___ **Be** **Beryllium** 9.01
A = M = P = A = E = N =	A = M = P = A = E = N =	A = M = P = A = E = N =

26 **Fe** _____ 55.85	29 _____ Copper 63.55	___ **Ca** **Calcium** 40.08
Atomic # = _____ Atomic Mass = _____ # Protons = _____ # Electrons = _____ # Neutrons = _____	Atomic # = _____ Atomic Mass = _____ # Protons = _____ # Electrons = _____ # Neutrons = _____	Atomic # = _____ Atomic Mass = _____ # Protons = _____ # Electrons = _____ # Neutrons = _____

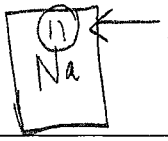
Name: _____ Date: _____

Review For Quiz #2: The Atom

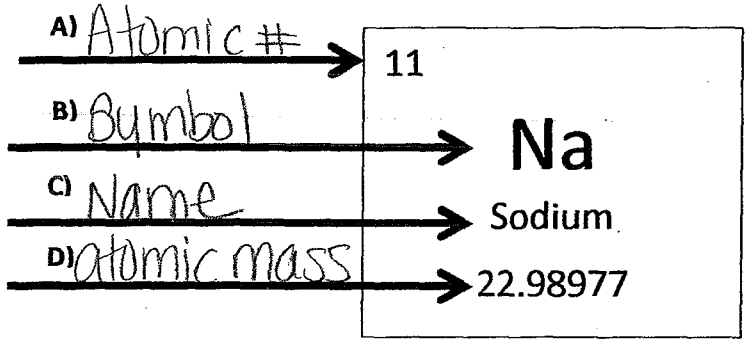
1. Directions: Label the parts of the atom below using the phrases: *Proton, Neutron, Electron, & Nucleus.*



2. Directions: Fill in the chart below.

What are the 3 types of subatomic particles?	What is the charge of each subatomic particle?	Where is each subatomic particle located?	How do you find the number of each subatomic particle in an atom?
Proton	+	nucleus	atomic # 
Electron	—	Electron cloud	atomic #
Neutron	No charge	nucleus	atomic mass - atomic # = # neutrons

3. Directions: Label the following diagram using the phrases in the word bank below:



Word Bank:
Name
Symbol
Atomic Number
Atomic Mass

4. Directions: Write what each letter in the acronym "APE MAN" stands for.

Atomic #
Proton
Electron
Mass
= **A**tomic #
Neutrons

5. Directions: Fill in the missing values using the periodic table of elements & "APE MAN".

6	13	4
C	Al	**Be**
Carbon	Aluminum	**Beryllium**
12.01	26.98	9.01
A = 6	A = 13	A = 4
P = 6	P = 13	P = 4
E = 6	E = 13	E = 4
M = 12	M = ~~27~~	M = 9
A = 6	A = 13	A = 4
N = 6	N = 14	N = 5

26	29	20
Fe	Cu	**Ca**
Iron	Copper	**Calcium**
55.85	63.55	40.08
Atomic # = 26	Atomic # = 29	Atomic # = 20
Atomic Mass = 56	Atomic Mass = 64	Atomic Mass = 40
# Protons = 26	# Protons = 29	# Protons = 20
# Electrons = 26	# Electrons = 29	# Electrons = 20
# Neutrons = 30	# Neutrons = 35	# Neutrons = 20