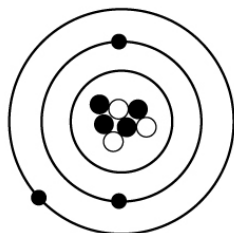
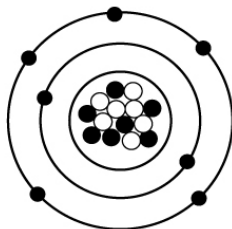
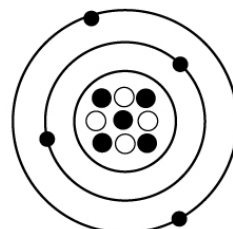


Atomic Structure Worksheet

1. Using the periodic table, write the name of the element next to each atom.







2. Draw the following atoms.

Hydrogen

Boron

Helium

3. Fill in the blanks.

8	←	
O	←	
Oxygen	←	
15.999	←	

What parts of an atom does the atomic number represent?

_____ and _____

How do you figure the number of neutrons?

6	# of protons _____
C	
Carbon	
12.003	
# of electrons _____	# of protons _____
# of neutrons _____	

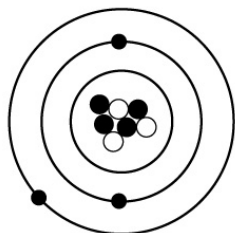
19	# of protons _____
K	
Potassium	
39.098	
# of electrons _____	# of protons _____
# of neutrons _____	

Atomic Structure Worksheet

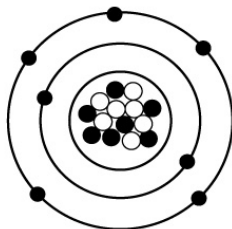
Answers

1. Using the periodic table, write the name of the element next to each atom.

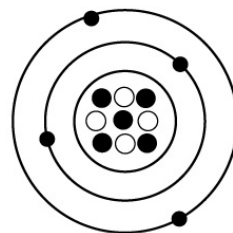
Lithium



Nitrogen



Beryllium

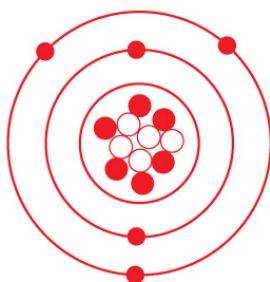


2. Draw the following atoms.

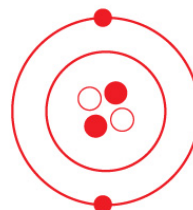
Hydrogen



Boron



Helium



3. Fill in the blanks.

8	←	Atomic number
O	←	Symbol
Oxygen	←	Atom's name
15.999	←	Atomic mass

What parts of an atom does the atomic number represent?

Proton and Neutron

How do you figure the number of neutrons?

Subtract the atomic number from the atomic mass

6	# of protons	<u>6</u>
C	# of electrons	<u>6</u>
Carbon	# of neutrons	<u>6</u>
12.003		

19	# of protons	<u>19</u>
K	# of electrons	<u>19</u>
Potassium	# of neutrons	<u>20</u>
39.098		