

Name: _____ Period: _____ Date: _____

Ms. Randall Regents Chemistry

Activity : Bag of Atoms

Directions: During this activity, you be given a set of “oversized” atoms big enough to open and look inside. For each, you must count up the different subatomic particles ad fill in the information in the appropriate boxes. You must use your reference table and the key below to identify the element and fill in the chart.

Key:

Black=protons

Clear=neutrons

Electrons are ON the bag

Atom(Bag #) _____

Number of Protons	
Atomic number	
Nuclear charge	
Number of electrons	
Mass number	
Number of Neutrons	
Element symbol	
Element name	

Atom(Bag #) _____

Number of Protons	
Atomic number	
Nuclear charge	
Number of electrons	
Mass number	
Number of Neutrons	
Element symbol	
Element name	

Atom(Bag #) _____

Number of Protons	
Atomic number	
Nuclear charge	
Number of electrons	
Mass number	
Number of Neutrons	
Element symbol	
Element name	

Atom(Bag #) _____

Number of Protons	
Atomic number	
Nuclear charge	
Number of electrons	
Mass number	
Number of Neutrons	
Element symbol	
Element name	

Atom(Bag #) _____

Number of Protons	
Atomic number	
Nuclear charge	
Number of electrons	
Mass number	
Number of Neutrons	
Element symbol	
Element name	

Atom(Bag #) _____

Number of Protons	
Atomic number	
Nuclear charge	
Number of electrons	
Mass number	
Number of Neutrons	
Element symbol	
Element name	

Atom(Bag #) _____

Number of Protons	
Atomic number	
Nuclear charge	
Number of electrons	
Mass number	
Number of Neutrons	
Element symbol	
Element name	

Atom(Bag #) _____

Number of Protons	
Atomic number	
Nuclear charge	
Number of electrons	
Mass number	
Number of Neutrons	
Element symbol	
Element name	

Atom(Bag #) _____

Number of Protons	
Atomic number	
Nuclear charge	
Number of electrons	
Mass number	
Number of Neutrons	
Element symbol	
Element name	

Atom(Bag #) _____

Number of Protons	
Atomic number	
Nuclear charge	
Number of electrons	
Mass number	
Number of Neutrons	
Element symbol	
Element name	

Atom(Bag #) _____

Number of Protons	
Atomic number	
Nuclear charge	
Number of electrons	
Mass number	
Number of Neutrons	
Element symbol	
Element name	

Atom(Bag #) _____

Number of Protons	
Atomic number	
Nuclear charge	
Number of electrons	
Mass number	
Number of Neutrons	
Element symbol	
Element name	

Atom(Bag #) _____

Number of Protons	
Atomic number	
Nuclear charge	
Number of electrons	
Mass number	
Number of Neutrons	
Element symbol	
Element name	

Atom(Bag #) _____

Number of Protons	
Atomic number	
Nuclear charge	
Number of electrons	
Mass number	
Number of Neutrons	
Element symbol	
Element name	