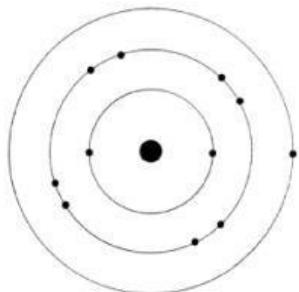


# Quiz 1 retest assignment

## 8<sup>th</sup> science 8.1.1

What do we call the different particles that make up the atom? \_\_\_\_\_

The atomic weight (mass) tells us how many \_\_\_\_\_ and \_\_\_\_\_ are in the nucleus.



How many electrons are in this model?

- 3
- 8
- 11
- 18

The distinct types of atoms are collectively called \_\_\_\_\_.

The atomic number represents the number of \_\_\_\_\_ in an atom.

Which element has 9 protons? \_\_\_\_\_

Which subatomic particle moves the fastest?

What element has 15 protons? \_\_\_\_\_

Which subatomic particle is the smallest?

\_\_\_\_\_

What is the chemical symbol of sodium? \_\_\_\_\_

What charge does the proton have? \_\_\_\_\_

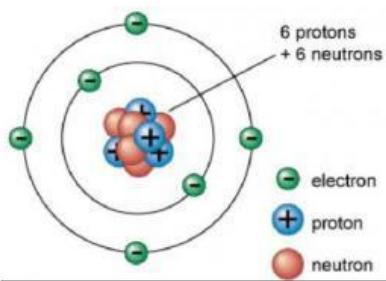
The electron has a \_\_\_\_\_ charge.

What charge does the neutron have? \_\_\_\_\_

How many neutrons does phosphorus have? \_\_\_\_\_

What do we call the mass in the center of the atom?

\_\_\_\_\_



What element does this model represent? \_\_\_\_\_

Atoms are made of mostly \_\_\_\_\_

To determine the number of neutrons in an atom, we locate the \_\_\_\_\_ and subtract the \_\_\_\_\_.

We can determine how many electron shells an atom has by finding what \_\_\_\_\_ of the Periodic Table the element is found on.

The 1<sup>st</sup> electron shell holds \_\_\_\_\_ electrons.

We can determine how many electron shells an atom has by finding what \_\_\_\_\_ of the Periodic Table the element is found on.

The 2<sup>nd</sup> electron shell holds \_\_\_\_\_ electrons.

The 3<sup>rd</sup> electron shell holds \_\_\_\_\_ electrons.

The 4<sup>th</sup> electron shell holds up to \_\_\_\_\_ electrons.