**The Six Kingdoms of Living Things**

**How many different organisms are there on earth?**

* The latest estimate by scientists is that there are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ different species on earth!
* But, some scientists think this estimate is way too low.
* The truth is we really don’t know, but we do know there are millions of different species.

**That is why we classify.**

Because there are so many different kinds of living things, scientists have classified them and grouped them by their \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_. This makes it easier to study them. Every living thing belongs to one of the six kingdoms of living things.

**The Six Kingdoms**

1. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
2. Eubacteria
3. Protista
4. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
5. Plantae
6. \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**Three characteristics determine how to classify an organism into a kingdom.**

1. How many \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_make up the body of the organism?

* An organism that is made up of only one cell is called a UNICELLULAR organism.
* An organism which is made up of more than one cell is called a \_\_\_\_\_\_\_\_\_\_\_\_\_ organism.

**2. Does the organism have a nucleus?**

* An organism that has a nucleus is called a EUKARYOTE.
* An organism that does not have a nucleus is called a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

**3. How does the organism get its food?**

* Organisms which make their own food are called AUTOTROPHIC.
* Organisms that must take in food are called \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.