

Basketball Chemistry Review

Question: How many neutrons do you find in an atom of Hydrogen-3?

Answer: 2

Question: In radioactive decay, mass from lightest to heaviest is:

Answer: gamma, beta, alpha

Question: Is iodine or potassium a halogen?

Answer: Iodine

Question: How are the elements on the periodic table organized?

Answer: by atomic number from smallest to largest

Question: When salt is exposed to fire, what caused the light that is given off?

Answer: electrons returning to ground state

Question: What is the compound formula for sodium oxide?

Answer: Na_2O

Question: The bond between nonmetals and metals...

Answer: ionic

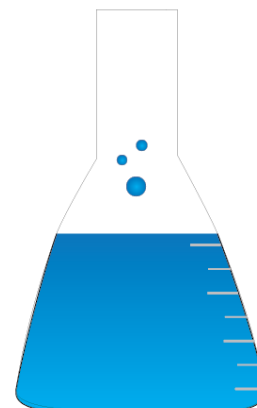
Question: Which diatomic element features a double bond between atoms?

Answer: oxygen

Question: What causes gas pressure?

Answer: molecules of gas hitting the sides of the container the gas is contained in

Question: What are the three states of matter?



Answer: solid, liquid, gas

Question: What is the word for the amount of space something uses?

Answer: volume

Question: An atom that loses a valence electron is called...

Answer: a metal

Question: Name the three types of compounds...

Answer: covalent, polar covalent, ionic

Question: There are 11 elements that are gases – True or False?

Answer: true

Question: What did Dmitri Mendeleev do?

Answer: created the periodic table

Question: What is the name for energy that is stored?

Answer: potential energy

Question: What is the only letter in the alphabet not used on the periodic table?

Answer: J

Question: Which protein does the human body contain the most of?

Answer: collagen

Question: What is the chemical formula for water?

Answer: H₂O

Question: Organic molecules contain carbon and...

Answer: hydrogen