



The second week

First Prep

Lesson Two

Unit One

Homework

Complete the following:

- 1-The molecular formula of the carbonate group is....., while the molecular formula of the sulphate group is.....
- 2-Oxygenated acids are those that contain element, such as and
- 3-Non-oxygenated acids don't contain element, such as and
- 4-The number of hydrogen atoms in the acid molecule equals the charge of the..... that forms it, while the number of hydroxide groups in the base molecule equals the charge of the..... that forms it
- 5-Lactic acid provides the muscles with..... during lacking of oxygen, and its accumulation in the muscles causes.....

Give one example of each of the following:

- 1-Positive atomic group
- 2-Non-oxygenated acid that forms an anion in a liquid state
- 3-Acid secreted by the stomach
- 4-Oxygenated acid carries three negative charges.
- 5-Acid secreted by muscles



Write the chemical formula for the following compounds:

- 1-Hydrosulphuric acid
- 2-Hydrobromic acid
- 3-Sulphurous acid
- 4-Phosphoric acid
- 5-Ammonium hydroxide

Write the names of the following chemical compounds and state their type:

- 1- H_2SO_4
- 2- H_2CO_3
- 3-HCl
- 4- HNO_2
- 5-MgO
- 6- SO_3
- 7- N_2O

What is the benefit of each of the following:

- 1-Stomach acid
- 2-Lactic acid