Worksheet Science Grade 5

Name ……..……..

Class ……

No ……..……

PART 1: Choose the correct answer.

1 The chemical used to flavor food and reduce unwanted smells or flavors!

A. preservatives B. food coloring C. borax D. MSG

2 A mild acid made by fermenting fruit until it turns from alcohol to acid!

A. MSG B. food coloring C. vinegar D. borax

3 What is the color of Borax?

A. clear (no color) B. white C. black D. shiny

4 The chemical used to make food crispy and chewy!

A. vinegar B. preservatives C. MSG D. borax

5 The chemical used to prevent food going bad or decaying!

A. preservatives B. MSG C. borax D. pesticides

Part 2: Fill in the blank by using words inside the box.

A. Anti-freeze	**C.** Decaying	**E.** Fermenting
B. Contaminate	**D.** Element	

6 To make dirty or unfit for use _____

7 A chemical change that converts natural sugars into alcohol _____

8 A chemical that is added to a liquid to stop its freezing _____

9 Rotting or breaking down _____

10 A substance that is made from one type of atom _____

LIVEWORKSHEETS

PART 3: Read the conversation below and answer questions.

CHEMICALS

Everything is made up of chemicals. They are sometimes called "nature's building blocks" or "the building blocks of life". Many things are made up of a mixture of different elements and are called compounds. The smallest part of a compound is called a molecule. Some of molecules are made of a single chemical item and are called elements. Elements are single atoms of the same item such as oxygen, carbon, hydrogen or iron. They serve human needs in everyday life such as medicine, detergent, soap, pesticide, cosmetics, and etc. However, they might be very harmful to us if we misuse them. Therefore, it is important that we learn how to use them correctly.

Heavy metals are chemical elements released in industrial waste from factories. They are especially dangerous when they contaminate water and the ground. These heavy metals include mercury, lead, antimony, arsenic, tin, cadmium and many others.

11 "Nature's building blocks" or "the building blocks of life" are other names for _____.

12 A mixture of different elements is called _____.

13 The smallest part of a compound is called a _____.

14 Single atoms of the same item such as oxygen, carbon, hydrogen or iron are called _____.

15 Chemical elements released in industrial waste from factories are called _____.

LIVEWORKSHEETS