**Elements, Compounds and Mixtures**

1. Draw the structure of the atom in your homework book and label the following:
* Protons
* Neutrons
* Electrons
* Nucleus
* Shell
1. Label the diagrams with E = element, C = compound, M = mixture.



1. Circle the correct answers in the paragraphs below to complete the sentences.

**L5**

Elements contain **one/two/three** type(s) of atom. Compounds contain **two**/**more than one** types of atom and mixtures contain **two/more than one** type of atom.

**L6**

In an **element/compound/mixture** atoms can be alone or joint, as long as they are **different/the same**.

In an **element/compound/mixture** atoms are joint together and they are **different/the same**.

In an **element/compound/mixture** atoms can be alone or joint together. Some of the substances may have more than one atom but not everything is **joint together/separate**.

Compounds are formed through \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ reaction.

**L7**

Bonds between atoms form molecules.

If all the atoms that are bonded together are the same, this is called an \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

If some of the atoms that are bonded together are different, this is called a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.

In a mixture there are **bonds/no bonds** between substances.