

Elements, Mixtures and Compounds

MIXTURES	COMPOUNDS
1. The parts of the mixture may be present in _____proportion.	1. In a compound, the parts are present in a _____ proportion by weight.
2. When a mixture is made, there is no evidence of any _____action taking place	2. When a compound is made there is usually evidence of chemical action e.g. _____
3. The parts of a mixture can be easily _____ e.g. by using a magnet.	3. The parts of a compound are _____ to separate.
4. A mixture cannot be represented by a _____ e.g. air or petrol	4. Always have a definite composition and _____ be represented by a formula.

POINTS TO REMEMBER

1. An _____ is a substance which cannot be broken down by ordinary chemical reactions into _____ substances.
2. The smallest particles of elements are called _____
3. Elements can be classified as _____ or _____
4. A compound is a substance which consists of _____ or more elements chemically _____.
5. Every sample of a particular compound always has the same _____ composition.
6. Every compound has a _____ which shows the relative numbers of each _____ it contains.
7. When elements join to form _____ the new substance made has different _____ to the original elements.

