

HW
03/07/21

HOME ASSIGNMENT

1) Give 5 differences between elements & compounds.

① ELEMENTS

COMPOUNDS

→ They compose of one ~~one~~ ^{type} of atom

→ They ~~is~~ compose of two or more elements.

→ They ~~are~~ can't be broken into simpler substances

→ They can be broken into simpler substances.

→ No heat is gained or lost.

→ Heat is either gained or lost.

→ They don't lose their characteristics.

→ The constituting elements lose their characteristics.

→ They have definite boiling and melting points

→ They don't have definite melting or boiling points.

Ex: Iron (Fe), Oxygen (O₂)

Ex: Sodium Carbonate Na₂CO₃

2) The constituents of compounds can't be separated by physical means, only ~~by~~ ^{by} certain ~~not~~ chemical means. Justify this statement.

The constituents of compounds can't be separated by physical means but by certain chemical means because the ~~to element~~ elements of a compound are compounded only by chemical means.

