

HCU

Home Assignment

Give 5 different between elements & compound.

Elements	Compound
→ It consists of one atom.	When 2 or more elements combine, they form compounds.
→ They exist on their own.	Consists of elements.
→ O ₂ , Zinc, nitrogen etc.	Sodium Chloride, Calcium ^{chloride} etc.
→ Pure substance	Impure substance
→ Represented by symbol	Represented by chemical formula.

Q7 The constituents of compounds can't be separated by physical means only by certain chemical means. Justify this statements.

Because the constituents of compounds are chemically combined, hence, they can only be separated by chemical means.