

ELEMENTS COMPOUNDS & MIXTURES

ELEMENTS

- a pure substance that cannot be broken down into 2 or more simpler substances by chemical processes

COMPOUNDS

- a pure substance containing 2 or more elements that are chemically combined in a fixed ratio

MIXTURES

- mixtures are made up of 2 or more substances that are not chemically combined

ATOMIC STRUCTURE

SUBATOMIC PARTICLES

	proton	neutron	electron
mass	1	1	$\frac{1}{1840}$
charge	1+	0	1-

ISOTOPES

- isotopes are atoms of the same element that have different number of neutrons.