

<b>A</b>	mass number	is equal to the sum of protons and neutrons that are in the <b>atomic nucleus</b>	it is equal to the number of <b>nucleons</b>
<b>Z</b>	atomic number	informs about the number of protons	informs about the charge of the atomic nucleus
<b>proton</b>	its charge is positive	it builds the atomic <b>nucleus</b>	it's made of quarks
<b>neutron</b>	it is electrically neutral	it builds the atomic <b>nucleus</b>	it's made of quarks
<b>electron</b>	it has a negative charge	its mass is around 0 u	circulate on <b>electronic shells</b>
<b>a molecule</b>	is the smallest part of a compound that can exist separately	all the ..... of one compound are identical in every way	they can be made of atoms of the same element or of atoms of different elements
<b>an atom</b>	is the smallest part of an element that can take part in <b>chemical change</b>	all ..... of any element are exactly alike in every respect, and are different from ..... of all other elements	it is built of atomic nucleus and electronic shells