



Proton

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Positively
charged sub
atom particle

Electron

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Negatively
charged
subatomic particle

Neutron

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Sub-atomic
particle that has
no charge

Mass
Number

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The sum of the number of
neutrons and the number of
protons present in the
nucleus of the atom





Atomic Number

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The number of protons present in the nucleus of an atom of an element

Covalent Bond

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A chemical bond that involves the sharing of electron pairs between atoms

Ionic Bond

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A chemical bond that involves the giving or taking of electrons between atoms

Isotopes

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Atoms with the same atomic number but different mass number due to differing numbers of neutrons present





Molecule

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A group of two or more atoms held together by a chemical bond

Element

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The simplest form of a substance up of only one atom

Atom

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The smallest part of an element

Sub-atomic particles

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The particles that make up atoms





Ions

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Atoms that have
lost or gained
electrons

Bohr model

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The Bohr model of
an atom distributes
them into energy
levels

1st energy
level

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Can hold 2
electrons

2nd energy
level

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Can hold 8
electrons

