

building block of matter

- subatomic particle with a negative charge
- $1/2000$ the mass of a proton or neutron
- Surround the nucleus of the atom

- subatomic particle with a positive charge
- inside the nucleus of the atom
- number of protons = atomic number

- subatomic particle with no charge
- inside the nucleus of the atom

building block of matter

- subatomic particle with a negative charge
- $1/2000$ the mass of a proton or neutron
- Surround the nucleus of the atom

- subatomic particle with a positive charge
- inside the nucleus of the atom
- number of protons = atomic number

- subatomic particle with no charge
- inside the nucleus of the atom

protons, neutrons, and
electrons

protons, neutrons, and
electrons

- matter made up of only one kind of atom
- substances that cannot be broken down

- matter made up of only one kind of atom
- substances that cannot be broken down

- a chemical combination of two or more different elements
- cannot be taken apart physically

- a chemical combination of two or more different elements
- cannot be taken apart physically

any characteristic of a material that can be observed or measured without changing the identity of the material itself

any characteristic of a material that can be observed or measured without changing the identity of the material itself

a description of how one substance reacts in the presence of another substance

a description of how one substance reacts in the presence of another substance

- two or more substances that are not chemically combined
- can be separated by physical means

- two or more substances that are not chemically combined
- can be separated by physical means