

matter

matter



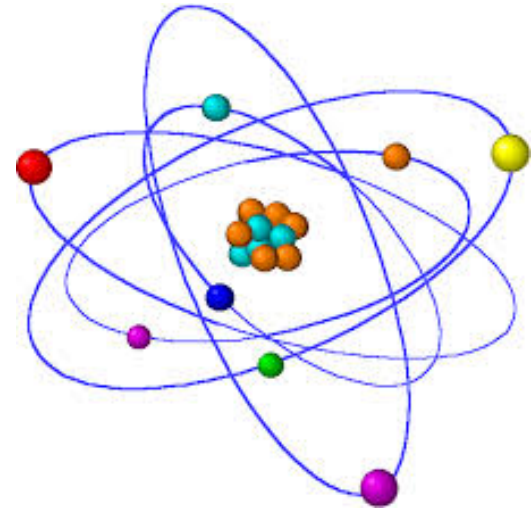
matter



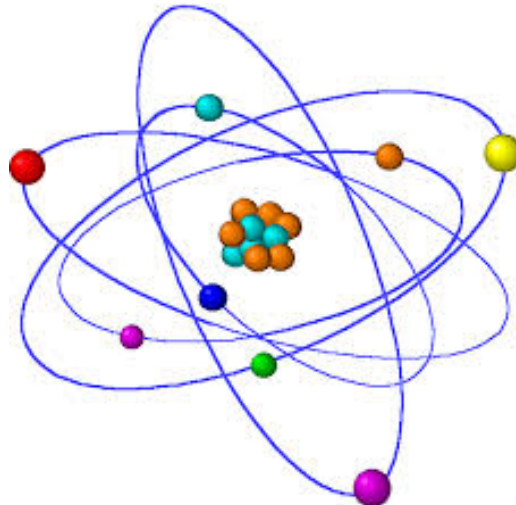
something that
has mass and
takes up space
The phases of
matter are: solid,
liquid, gas.

atoms

atoms



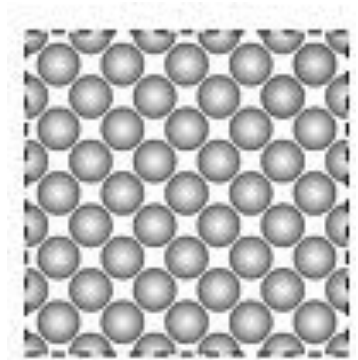
atoms



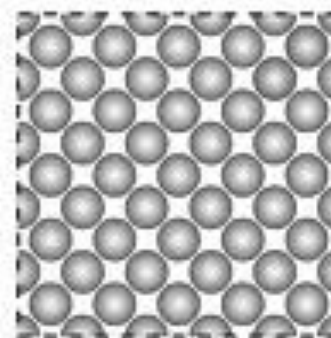
the smallest
unit of
matter

solid

solid



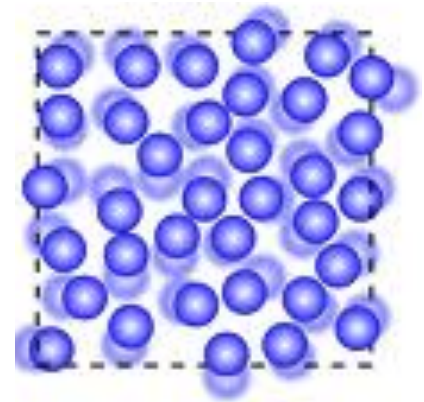
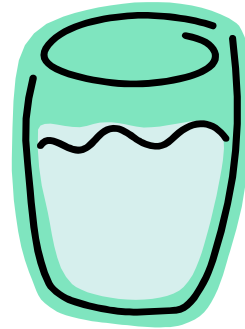
solid



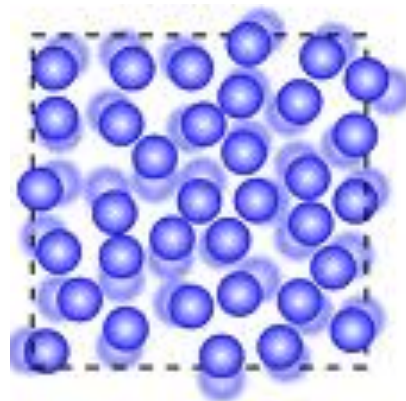
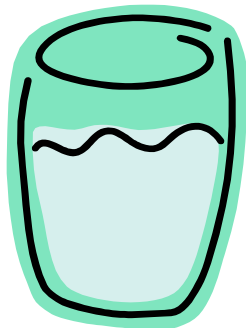
matter that has a
definite volume
and holds its
own shape

liquid

liquid



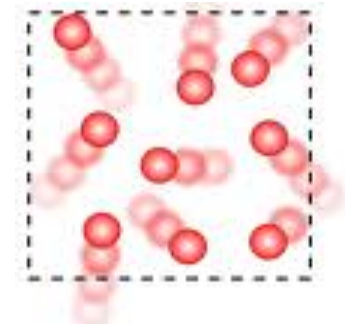
liquid



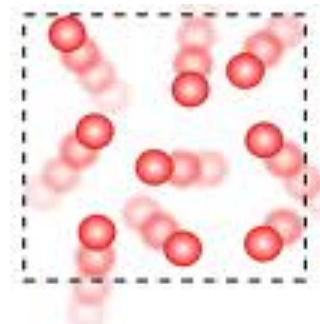
matter that has
definite volume
but no definite
shape, and takes
the shape of its
container

gas

gas



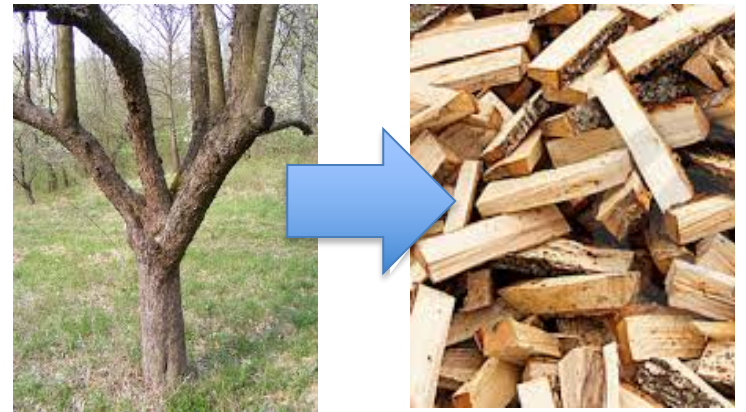
gas



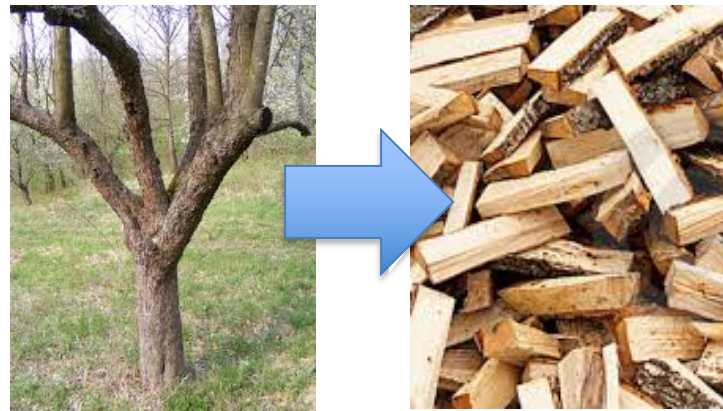
matter that has
no definite shape
or volume

physical change

physical
change



physical
change



change in form
of matter but
not what it is
made of

chemical change

chemical
change



chemical
change



one or more
substances are
changed to form
a new substance

law of conservation of matter

law of conservation of matter



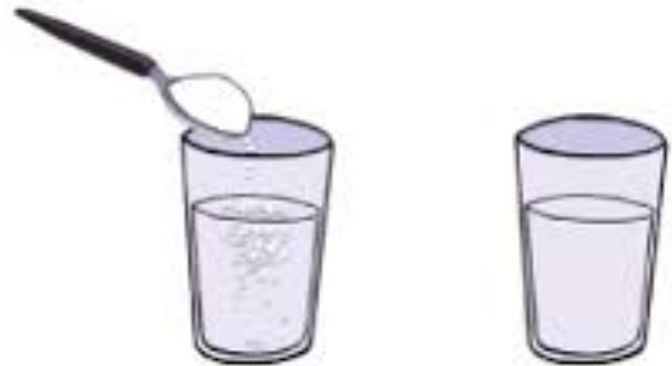
law of conservation of matter



atoms cannot be created or destroyed, they can only change from one form to another

dissolve

dissolve



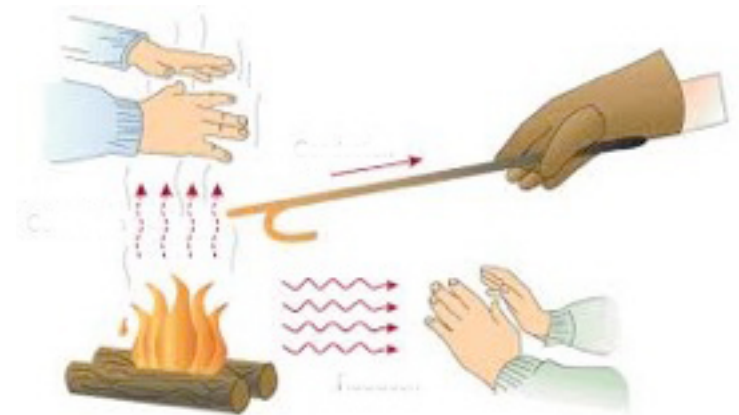
dissolve



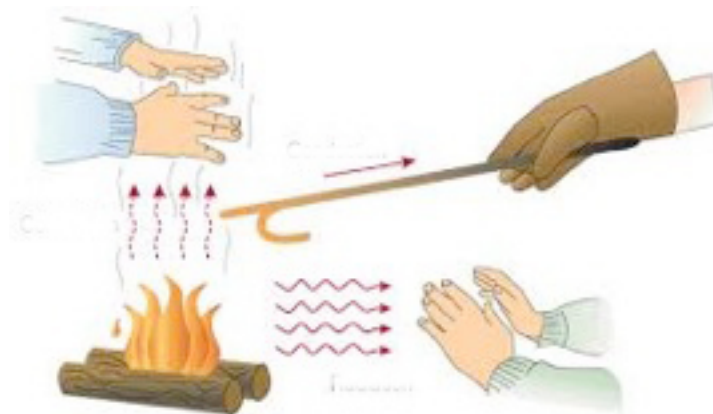
the visual
disappearance of
one substance
into another when
they are mixed

heat

heat



heat



energy being
given off or
absorbed

product

product



product



something
that is made

reactants

reactants

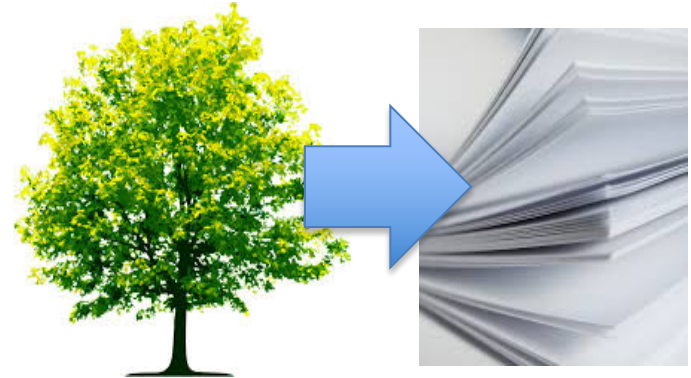


substances
mixed together
to produce a
chemical change

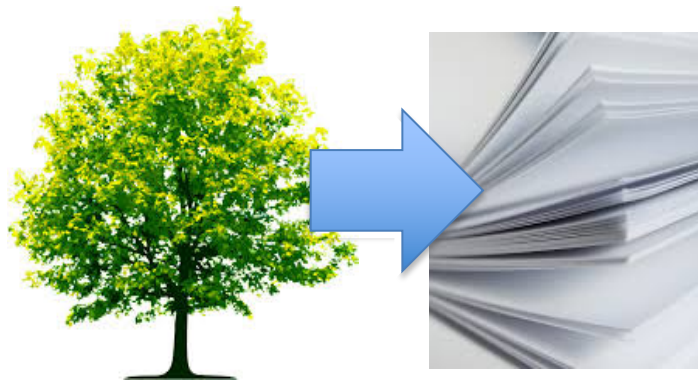
reactants

substance

substance



substance



the material
that
something is
made of

weight

weight



weight



a measure of
the pull of
gravity on
matter

