

ChemThink: The Particulate Nature of Matter

A substance is made of only one type of atom:

A substance that vibrates in one position, not free to roam around:

All of the smallest individual pieces are the same: _____

Two or more atoms are chemically joined together:

Tells how many of each atom there are in a formula:

When two different types of atoms are present:

A pattern of movement where molecules slip past each other:

Molecules are far apart and moving very fast:

Different types of atoms or molecules that are physically mixed

Together, but not chemically bonded to each other:

Used to separate each component of a mixture:

Draw a picture of the following:

Solid



Liquid



Gas



Element



Compound



Mixture

