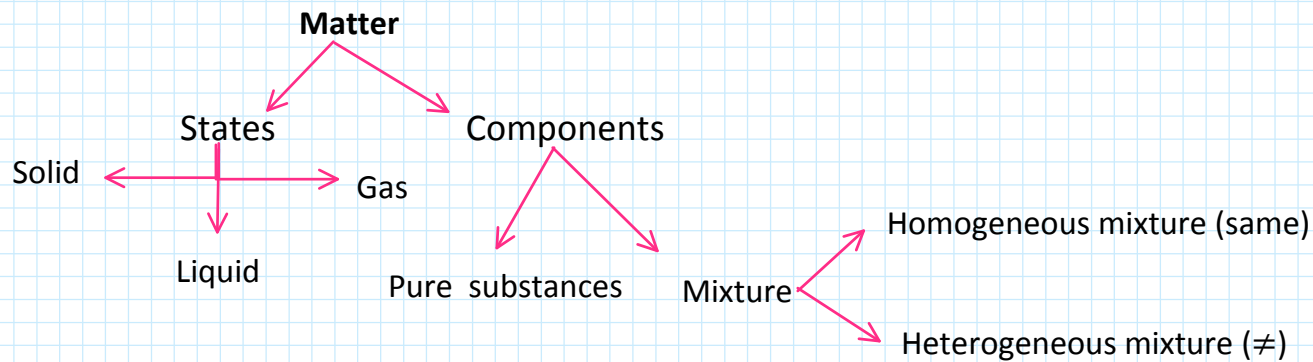


Chem "State of Matter" Summary

Wednesday, January 04, 2023 7:45 PM



1. Give the different states of matter

There are 3 main states of matter:

- ✓ Solid
- ✓ Liquid
- ✓ Gas

2. Differentiate between solid and gas:

Solids have definite shape and definite volume, while gases have indefinite shape and indefinite volume.

3. Give the similarities between solids and liquids:

Both solids and liquids have definite volume.

4. Give the similarities between liquids and gas:

Both liquids and gas have indefinite shape, they take the shape of the container they are poured in.

5. Define expression of gas:

Gases are expandable, gases fill all the space available for them.

6. Differentiate between solids and liquids:

Solids have definite shape, while liquids have indefinite shape they take the shape of the container they are poured in.

7. Define composition of change of state:

Change from one state to another.

8. Physical properties:

→ Definition: are the properties that can be seen or measured without changing the identity of the substance.

Physical properties

Measurable

Descriptive

- Measurable quantities:
Specific gravity, density, boiling point and melting point.
- Descriptive quantities:
Color, odor...