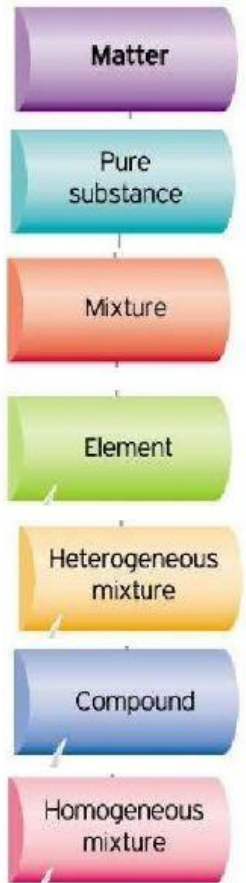
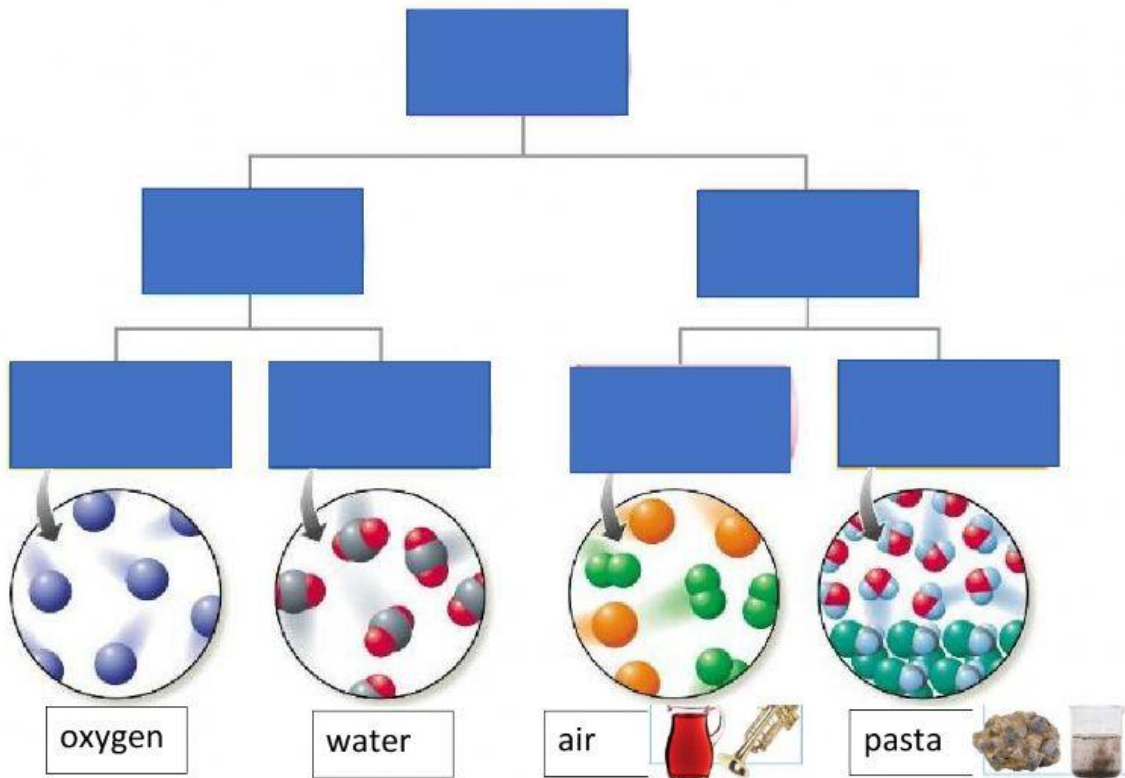


Grade 6 Matter Study Notes

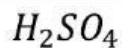


1. The number of \_\_\_\_\_ always differs in atoms of different elements



2. The formula  $H_2SO_4$  represents a compound made of which atoms?

   H    S    O



Key Word	Meaning
matter	anything that has mass and takes up space
atom	small particle that is building block of matter
substance	substance consisting of matter that has the same composition
element	a substance that consists of just one type of atom
compound	substance containing two or more different elements chemically bonded
mixture	matter that can vary in composition
homogenous mixture	mixture in which the parts are evenly mixed
heterogenous mixture	mixture in which the parts are NOT evenly mixed
solution	another name for homogenous mixture
solvent	part there is more of in solution
solute	part there is less of in solution

**Practice Questions:**

1.1 Label the following types of matter



1.2 What is another name for picture B?

\_\_\_\_\_

1.3 What is the name of the part there is more of in picture B?

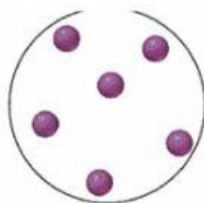
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1.4 What is the name of the part there is less of in picture B?

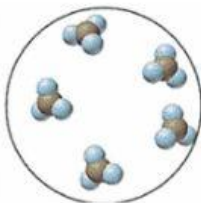
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2. Label the following diagrams

element	compound	heterogenous mixture	homogenous mixture
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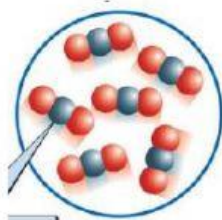
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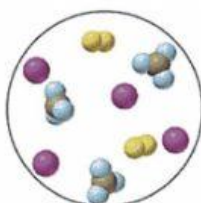
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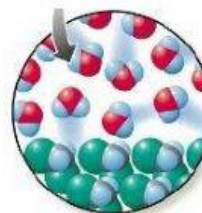
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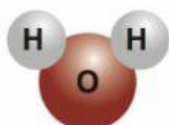


\_\_\_\_\_






\_\_\_\_\_

3. Match the formula to the diagram of the molecule



4. Match the separation technique to the method and the name

Mixture	Method	Name
Sand and Water		magnet
Sand and Iron		filtration
Salt and water		evaporation