



Name: \_\_\_\_\_ Date: \_\_\_\_\_

Number: \_\_\_\_\_

**1. Complete the gaps.**

Matter is made up of one or more \_\_\_\_\_ which, consist of tiny particles, called \_\_\_\_\_.

There are two types of matter:

\_\_\_\_\_ substances contain only one type of component.  
\_\_\_\_\_ contain two or more substances.

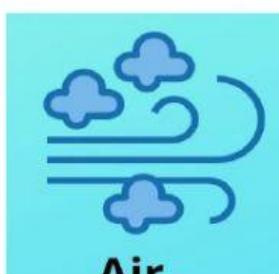
**2. Write what kind of mixture are the following substances:**



Coffee



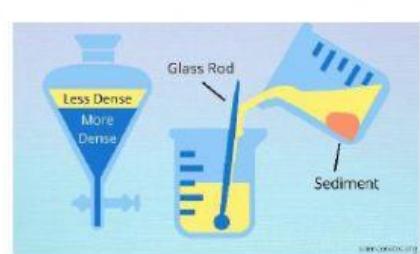
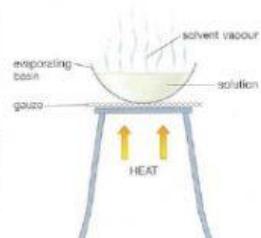
:



Air

**3. Complete the chart and match the pictures about the separation of mixtures.**

Separation	Substances	Mixture	Picture
	Solids from liquids	Heterogeneous	
Evaporation	Solids from liquids		
	Liquids with different boiling points		
Decantation	Substances with different _____	heterogeneous	



#### 4. Changes of state: match its names, definitions and pictures

Vaporization

happens when a solid turns into a liquid



Melting

occurs when a liquid turns into a gas



Condensation

happens when a solid turns into a gas



Sublimation

happens when a gas turns into a liquid



Reverse sublimation/  
deposition

occurs when a liquid turns into a solid



Solidification

happens when a gas turns into a solid



#### 5. Look at the pictures, what chemical reactions are they?



#### 6. Answer the questions:

- What temperature is melting point of water?

- What temperature is the boiling point of water?

**7. Choose the right form of energy.**

