

PROCEDURE

Sake 2.3 crystals of botassium formagnet and stir them in 100 ml of water.

11/2 Lake out approximately 10 ml of this solution and fud it into 90 ml of alean water.

11/2 Lake out 10 ml of this solution and feet it into another 90 ml of clean water.

11/2 Cake out 10 ml of this solution and feet it into another 90 ml of clean water.

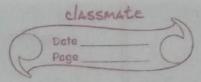
11/2 Continue this process till 5 to 8 times and observe them.

OBSERVATION

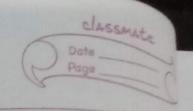
Just a few crystals of potassein pormagnet

CONCLUSION

The particles of matter are very small.



Q. Explain an activity to show that particles of AIM: To show that particles of matter are continuously Materials Required: glasses bakon water, blue ink honey PROCEDURE: · Take two gasses beakons filled with water. Put a dup of due or red ink slavly and carefully along the sides of the first beaker and honey in the same way in the second LOADON .. · Louise them undistincted in house or im a country the class OBSERVATION:

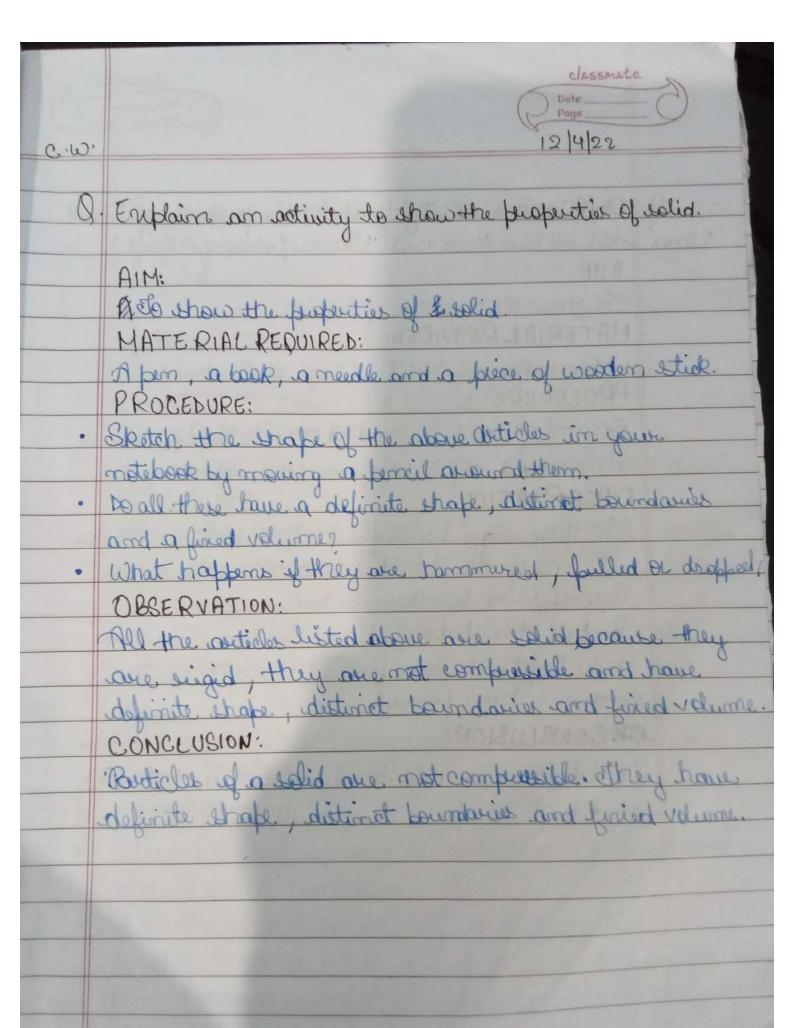


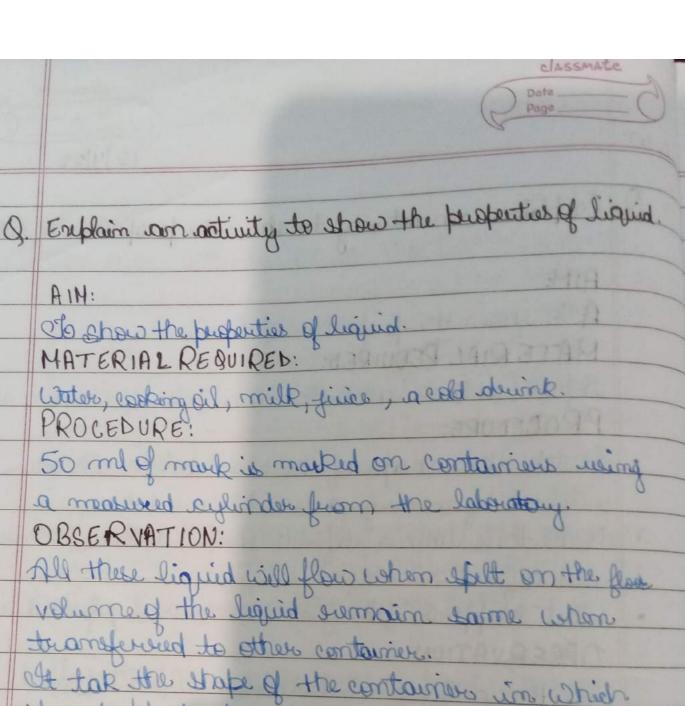
The above activity shows that facticles of matter are continuously moving and posses tomate kindle energy. As the temperature rises, particles move faster. It means with increasing temperatures the sinitic energy of particles also increases which particles of matter intermine with each other streets.

Assistant parts intermine with each other streets.

Diffusion-Intermining of particles of two diffusion trybus of matter on their own is called diffusion. On heating the diffusion to becomes factor.

Diffusion of gases Intermixing of gases without themical reaction is called diffusion of gases.





transferred to other container. It tak the state of the container in which it is kept. It flow from one containers to another when powed.

ER CONCLUSION:

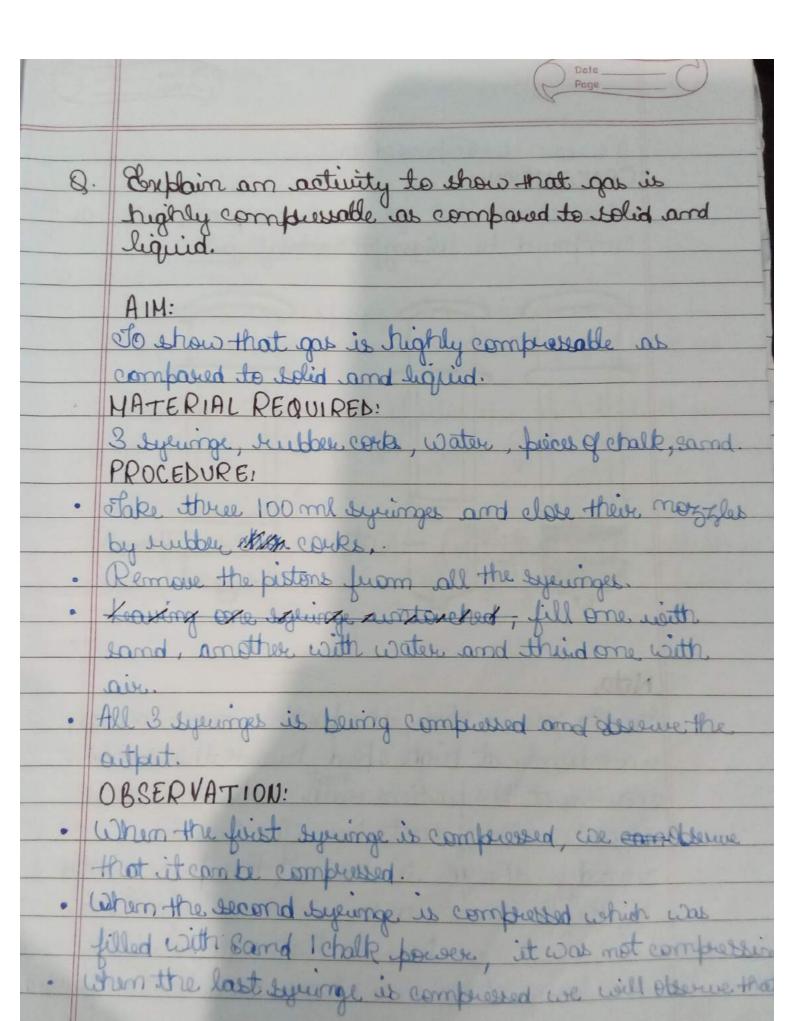
AIN:

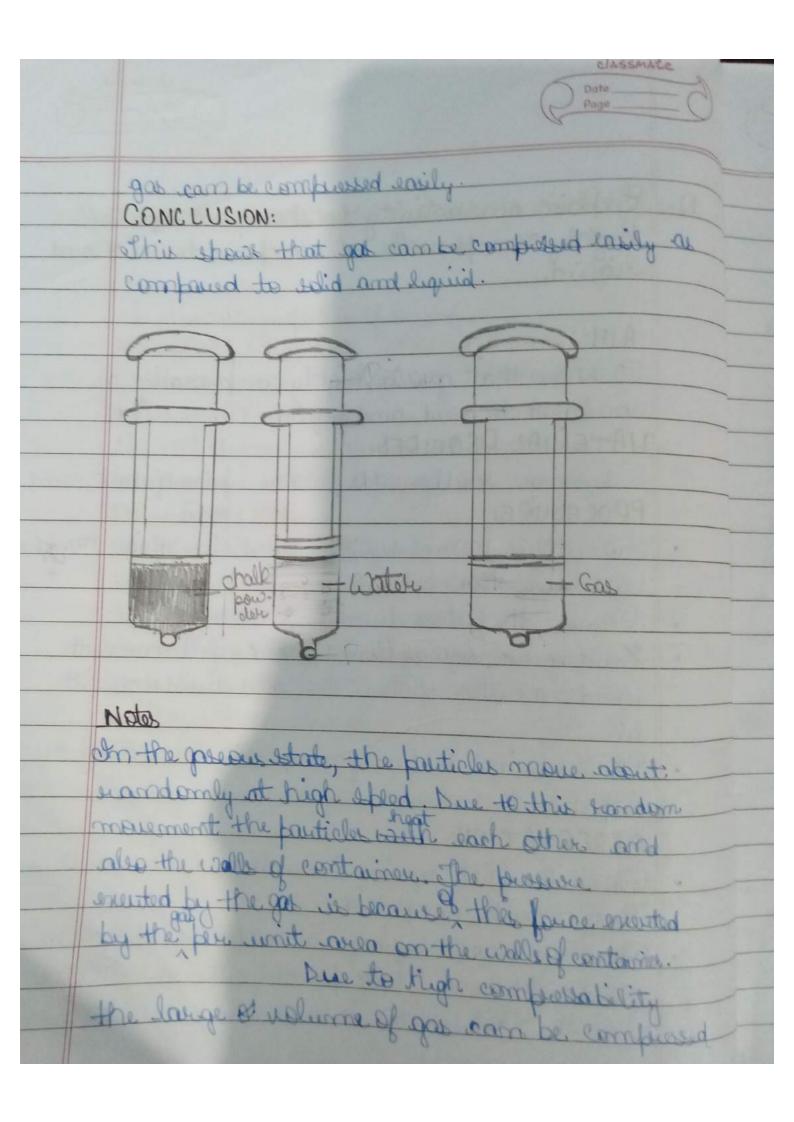
PROCEDURE:

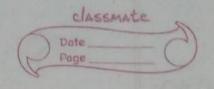
OBSERVATION:

NATERIAL REQUIRED:

Signed trave a definite volume but do not have a definite shape







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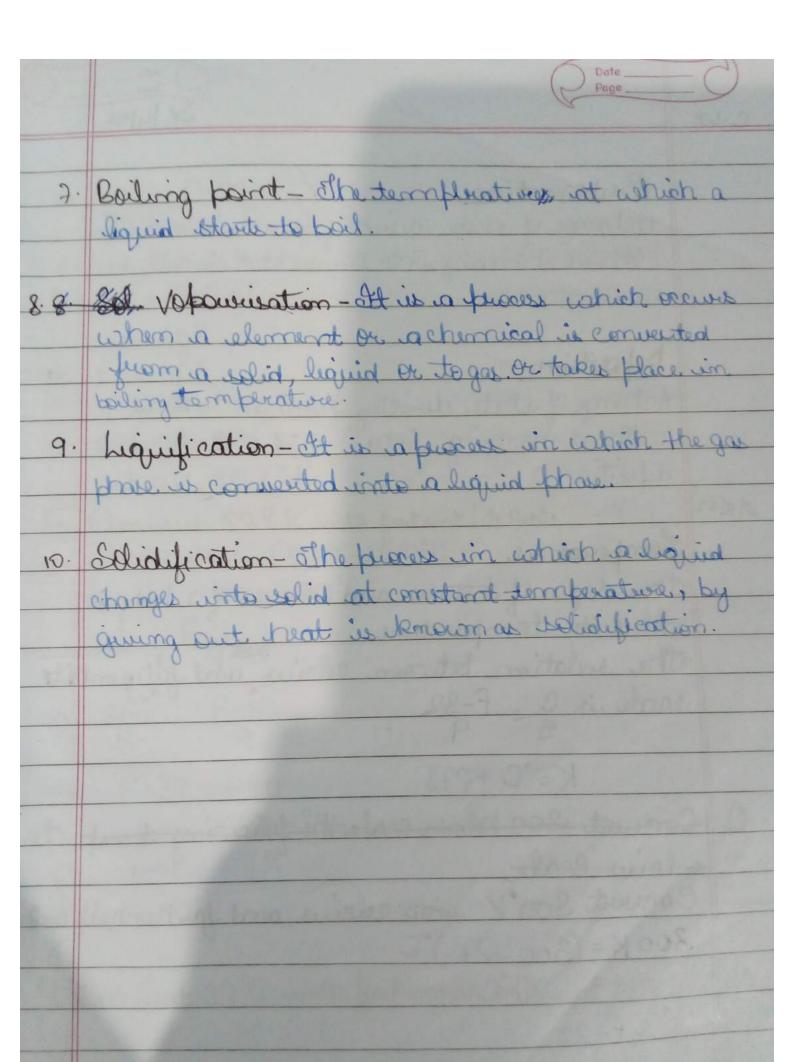
Liquification of gas

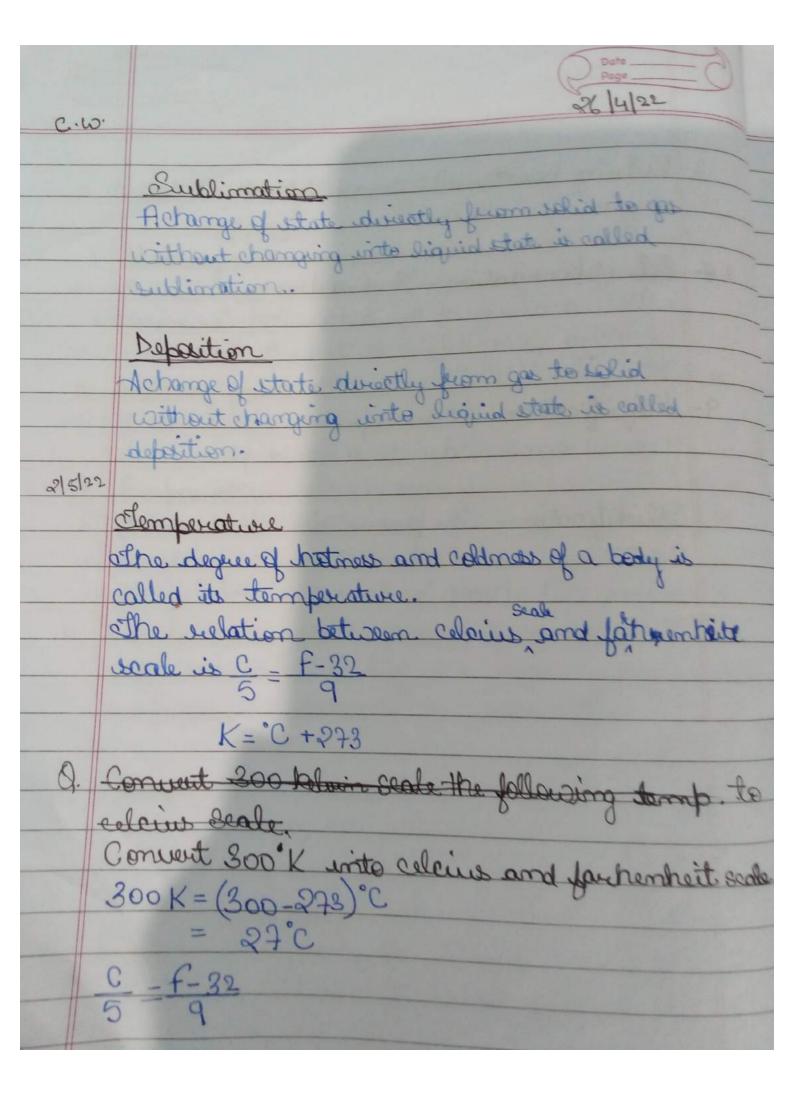
The convenien of gos into liquid at very low temp and high pressure is called liquification of gos.

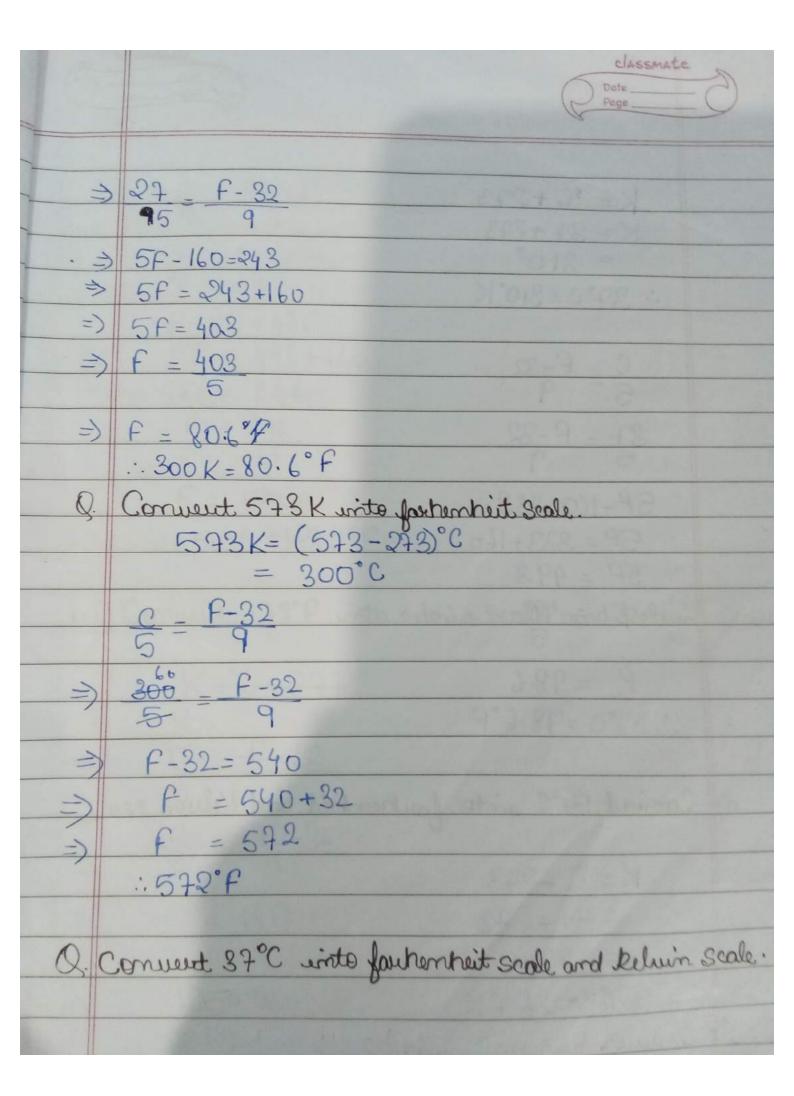
Rigidity - The property of solid due to which it cannot change its shape after applying the enternal force. This is called signisty

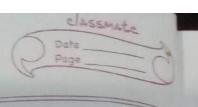
Compressibility > of the property of matter due to which it can be compressed after applying external force is called compressibility.

C.W. - smooth gricually att singed 1. Helting-othe pearers of communion of solid into liquid by heating at atmospheric pressure is known as melting. 2. Melting point-othe temperature at which a guien solid will be melt. 3. Evaporation-The process of conversion of liquid Linto gas by heating at atmospheric pressure is 4. Condensation-The process of conversion of water sapour into liquid by cooling at atmosper sic pressure is known as condensation. 5. Freezing-The process of conversion of liquidients solid by cooling at atmosphoric prossure is known as precying. Boiling- The process by which a liquid turns into vapour when it is heated as to its bidingtoint









$$\frac{C}{5} - \frac{F-32}{9}$$
 $\frac{37}{5} - \frac{F-32}{9}$

$$f = 493$$

11) Convert 54°C into farhenheit and Kelvin Scale.

$$K = 2 + 273$$

= $54 + 273$
= 222

classmate

$$\frac{C - F - 32}{5} = \frac{6}{9}$$

111) Convert 172°F into celais Scale and kelvin Scale.

$$K = \frac{C - F - 32}{5}$$

classmate 9/5/22 C.W. Latent heat of Jusian - The amount of heat energy required to change like of solid into point is known as the latent heat g. For any substance, why does the temperature semain constant during the change of state?
(Pg-9) = othe heat energy which is supplied is consume in averaging the intermolecular force of attraction existing he the particles other's why the temp recorded in thermometer shows me Charge.

14/5/22 C.W' & Specific Latent Heat - The amount Dr. released a substance during its change of state at constant temp, is called specific latent heat \$ 8 Experation causes tactors affecting evaporation Temperature Surface area Humidity Wired shood Evaporation increases on increasing the temperature & liquid 2) Sunface area 2) The rate of evaporation uncueses on increasing Surface area 3) Humidity of there is more humidity It and vice - vous 4) Wind Speed I wind is made there will be follow evaporation. and surfaceation will be low them wind speed is less.