

Q4- Use the tools in front of you to show shining property of elements:

Tools	Steps	Observation	Conclusion
Iron nail copper lock aluminum spoon coal	Examine which of them shiny and which is not	Iron, copper and aluminum are shiny but coal is not	Metals have a luster but non-metals don't have a luster

Q5- Use the tools in front of you to show that grinding sugar is a physical change:

Tools	Steps	Observation	Conclusion
Sugar Mortar	Grind the sugar cube with mortar then taste it	Sugar Keeps its sweet taste but its shape change	Grinding sugar is a physical change

Q6- Use the tools in front of you to show that we see the moon shining:

Tools	Steps	Observation	Conclusion
<u>Ball</u> <u>Foil paper</u> <u>Pocket torch</u>	<u>Cover the ball with the foil paper.</u> (Representing the moon) <u>A-Darken the class.</u> <u>B-Using the pocket torch towards the ball.</u> (Representing the sun)	<u>A- you can not see the ball in the dark</u> <u>B- You can see the shiny.</u>	<u>The Moon is a dark body that reflects sun light.</u>

Q1- Classify materials in front of you into three groups according to its properties in the following table:

Solid	Liquid	Gas
Pen	Water	Balloon air
Graduated tape	Oil	Water Vapour

Q2- Use the measuring tools in front of you to complete the following table :

Tool	Length	Mass	Volume
Common balance		√	
Graduated ruler	√		
Measuring cylinder			√

Q3- Use the tools in front of you to prove that gases have indefinite shape and indefinite shape and indefinite volume:

Tools	Steps	Observation	Conclusion
-Balloon -Thread	- Blow the balloon and tie it with the thread. -Press on the balloon with your hand.	The shape and the volume of the balloon changes.	<u>Gases have indefinite shape and indefinite volume.</u>



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