



Teacher Name:

Seema Adil

Class:

7

Subject:

Science


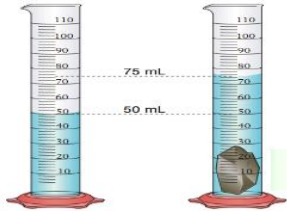
Date: 27<sup>nd</sup> Nov 2016.

**Topic: Forces and their Effects**

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

**Q. Ex A: Find the density of a substance.**

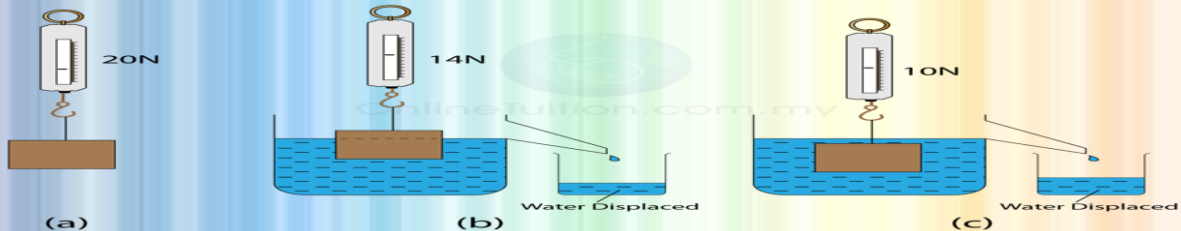
Is the substance regular or irregular: \_\_\_\_\_

<p><b>Step 1</b> Measure the mass</p>		<p>Mass = _____ g</p>
<p><b>Step 2</b> Find the volume of an irregular substance</p>		<p>1 ml = 1 cm<sup>3</sup> Volume: _____ cm<sup>3</sup></p>
<p><b>Step 3</b> Calculate the density</p>	<p><b>Formula:</b></p>	<p>Density = _____ g/cm<sup>3</sup></p>

Find the volume of a substance.

<p>Density – 25 g/cm<sup>3</sup> Mass - 100 g</p>	<p><b>Formula:</b></p>	<p><b>Volume:</b> _____ cm<sup>3</sup></p>
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**Ex C: Calculate the upthrust**



<p>Weight of object in air - _____ N Weight of object in water - _____ N</p>	<p>Upthrust = _____ N</p>
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Q.2 Define the following:

Density

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Force

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Up thrust

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Gravitational Force

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Air resistance

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Friction

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Q.3 What are the advantages and disadvantages of friction? HOW CAN WE REDUCE FRICTION?

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Q.4 What are the organs of human body? State the functions of each organ.

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