

SK CATHOLIC ENGLISH SCIENCE YEAR 3

PDP WEEK 22
WEDNESDAY 7TH JULY 2021

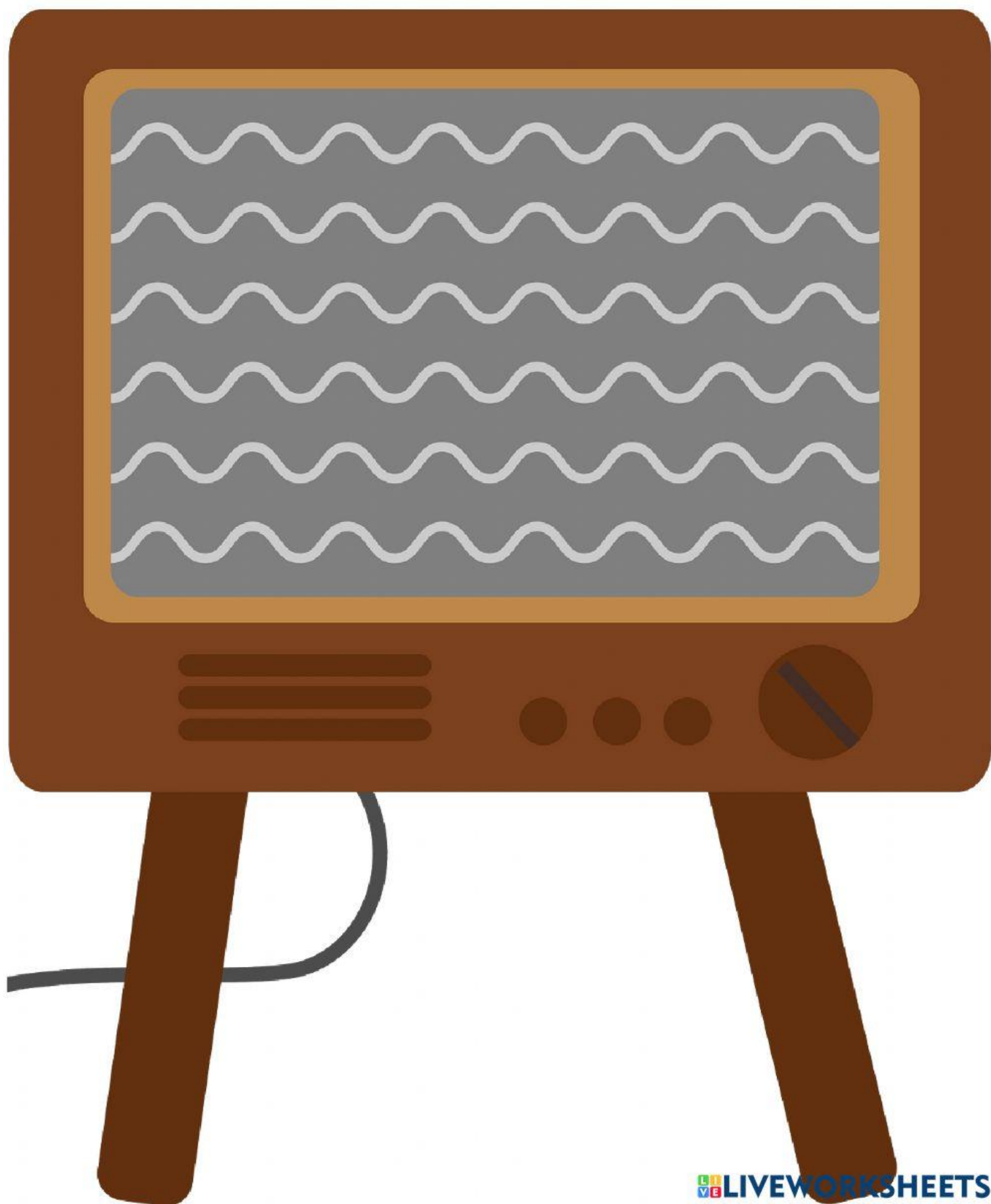
UNIT 6 MEASUREMENT - VOLUME

Measuring the Volume of Hollow Boxes

Measuring the Volume of Liquid

The Volume of an Irregular Shaped Solid

Prepared by Cikgu Hamisah



Measuring the Volume of Hollow Boxes

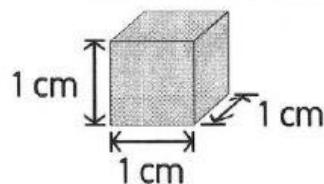
Date:

Activity

5



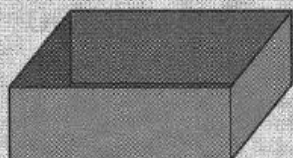
Calculate the volume of each hollow box below by using $1\text{ cm} \times 1\text{ cm} \times 1\text{ cm}$ cubes.



1.



Number of cubes used:

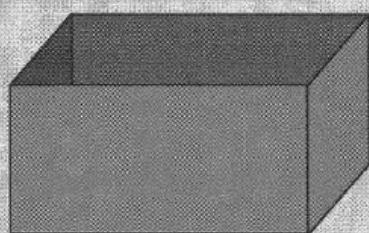


Volume of the hollow box: cm^3

2.

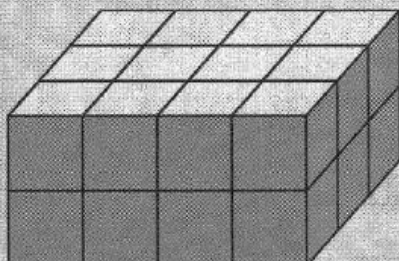


Number of cubes used:

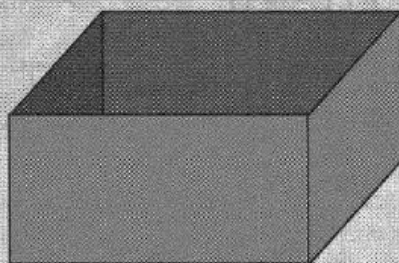


Volume of the hollow box: cm^3

3.



Number of cubes used:



Volume of the hollow box: cm^3



Textbook
Pages:

86-87

LIVEWORKSHEETS

57

Complete the sentences with the correct answers.

measuring cylinder

Eureka can

1 cm³-sized cube

2 cm³-sized cube



I want to measure the volume of a hollow box. I can use a _____ to find its volume.

I want to measure the volume of a drink carton. I can use a _____ to find its volume.



I want to measure the volume of a pebble. I can use a _____ and a _____ to find its volume.

Measuring the Volume of Liquids

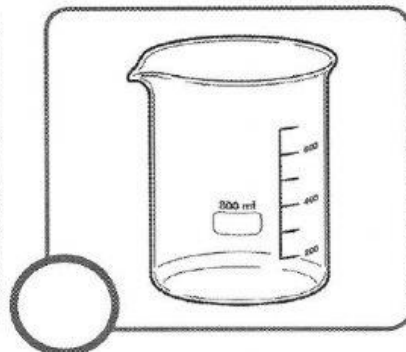
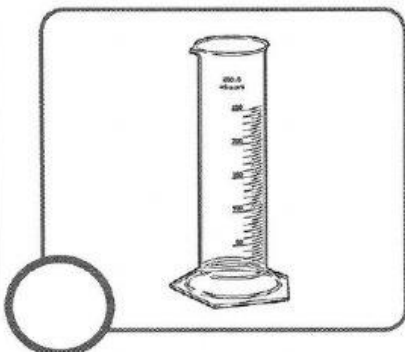
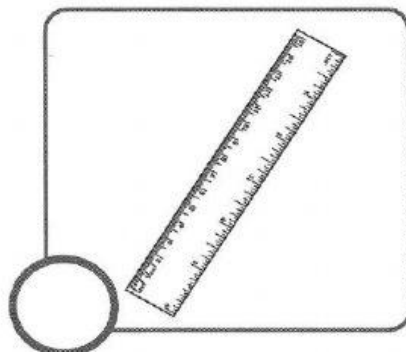
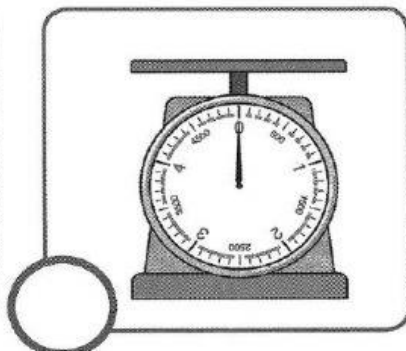
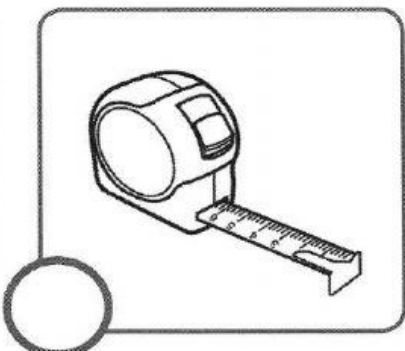
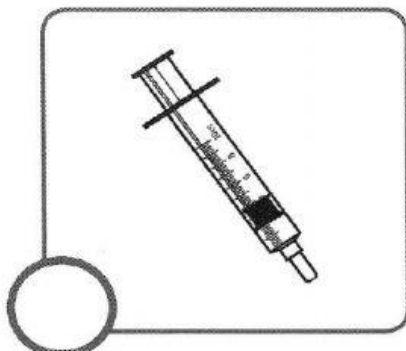
Date: _____

Activity

7

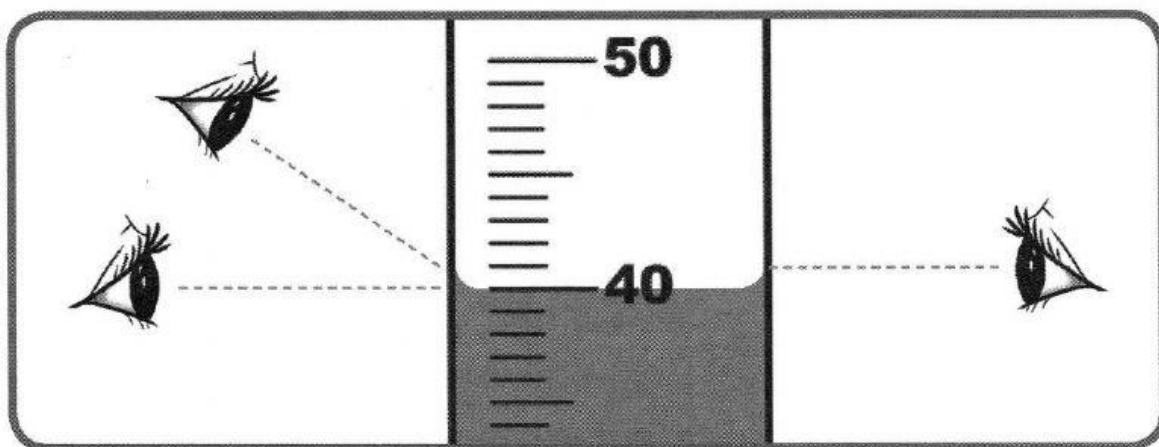


1. Tick (✓) the apparatus that can be used to measure the volume of liquids.

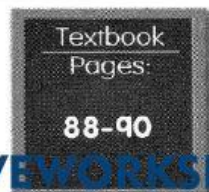


2. Join the dotted lines to show the correct eye position to read the measuring cylinder.

(i)



- (ii) Explain your answer.



Rearrange the steps on how to measure the volume of liquid using a measuring cylinder by numbering them 1 to 4. Then, write the correct step for each diagram.

Read the volume with your eyes at the same position as the level of the meniscus.

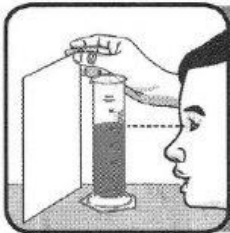
Hold a piece of white paper behind the measuring cylinder.

Place the measuring cylinder on a flat surface.

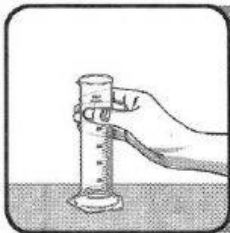
Pour the liquid into a measuring cylinder.



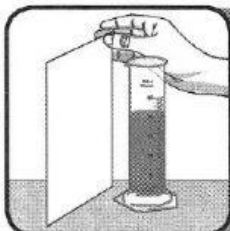
Step



Step



Step



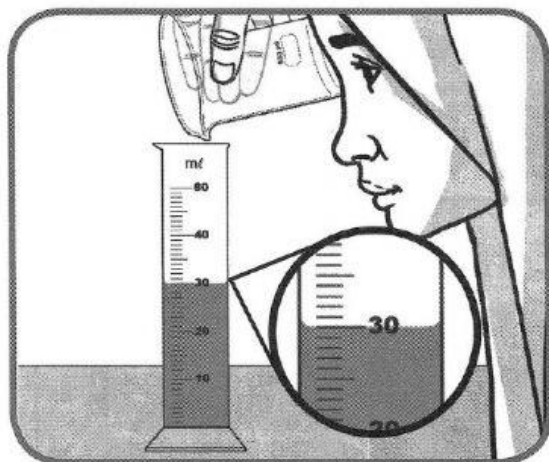
Step

Measuring the Volume of an Irregular Shaped Solid

Date: _____



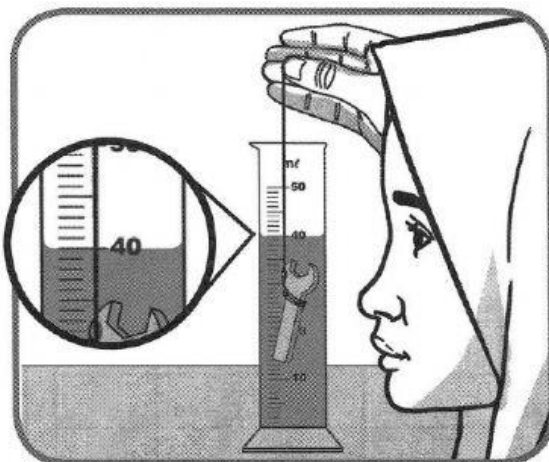
Fill in the blanks with the correct answers on how Aishah uses the water displacement method to measure the volume of a spanner.



1. Aishah uses _____

to measure the volume of a spanner.

2. The initial volume of the water is _____ ml.



3. Aishah uses a _____

to tie the spanner.

4. The final volume of the water is _____ ml.

Volume of
spanner

=

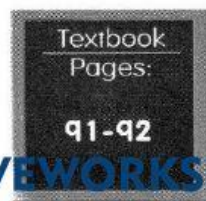
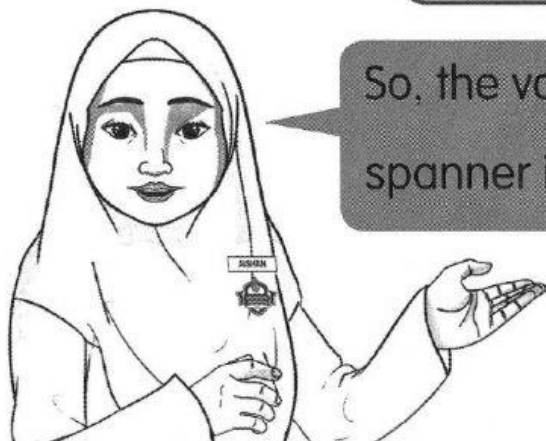
Final
volume

-

Initial
volume

_____ ml - _____ ml

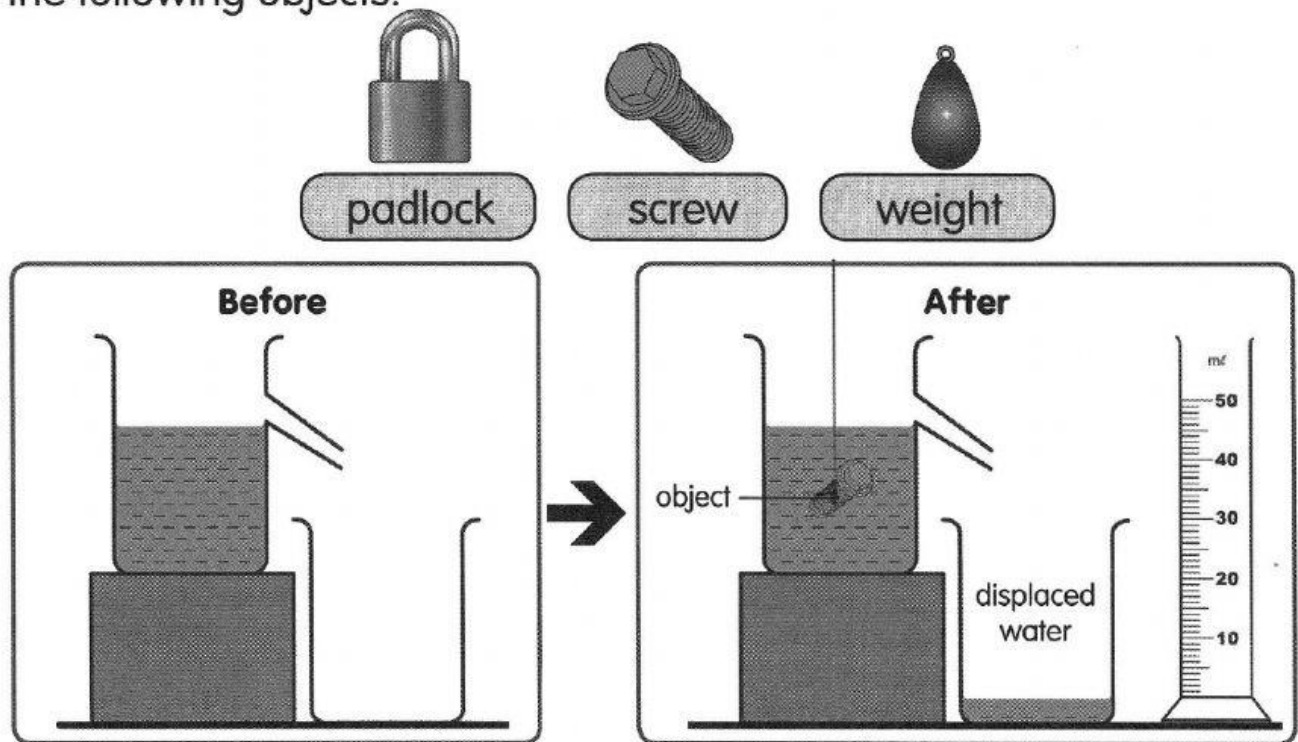
So, the volume of the
spanner is _____ ml.



Water Displacement

Date: _____

Aini used the water displacement method to measure the volume of the following objects.



Complete the table below.

Object			
Volume	ml	ml	ml

