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F₂.

EXPERIMENT NO. 3.

PAGE NO.:

DATE: / /

TO MEASURE AREA OF AN IRREGULAR FIGURE BY DIGITAL PLANIMETER.

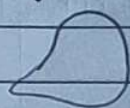
Digital Planimeter is used to measure area of any regular/irregular figure on paper.

Fig(1)

Square of
size
15cm x 15cm

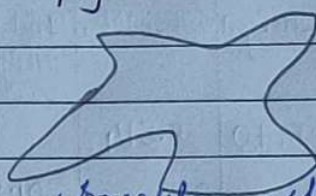
Regular Shape

Fig(2)



Irregular shape
small

Fig(3)



Irregular shape
big

OBSERVATION TABLE:

figNo.	Repetition No.	Scale	Unit	Area	Average Area.
1.	1	1:1	Sq.cm	225.2	225.4cm ²
	2	1:1	Sq.cm	226.1	
	3	1:1	Sq.cm	224.9	
2.	1	1:1	Sq.cm	70.5	70.57cm ²
	2	1:1	Sq.cm	69.8	
	3	1:1	Sq.cm	71.4	
3.	1	1:1	Sq.cm	330.4	330.97cm ²
	2	1:1	Sq.cm	330.9	
	3	1:1	Sq.cm	331.6	

RESULT:

- 1/ Average Area of figure 1: 225.4cm²
- 2/ Average Area of figure 2: 70.57cm²
- 3/ Average Area of figure 3: 330.97cm².