



GRADE: V
SUB: Maths

MARKS: 50
TIME: 2 HRS

Q1) Fill in the blanks :

(6 M)

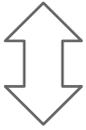
- 1) A _____ is simply defined as the amount of space occupied by any three-dimensional solid.
- 2) A mirror image is called a _____ .
- 3) A _____ is a sequence of repeated objects or numbers.
- 4) Figures that cannot be divided into equal parts are called _____ figures.
- 5) The sum of the lengths of all the sides of a closed figure is called _____.
- 6) Figures that can be divided exactly into halves are known as _____.

Q2) Solve the following:

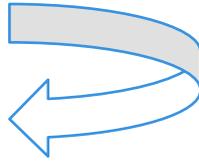
(6 M)

1) Find out which figures are symmetrical. Also draw the lines of symmetry:

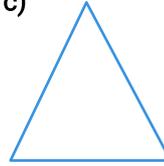
a)



b)



c)



2) Turn around the origin shape and draw the image in the table below:

Original shape	Rotation	Answer
	$\frac{1}{4}$	
	$\frac{1}{2}$	
	$\frac{1}{6}$	

Q3) Solve the following :

(8 M)

1) Find the perimeter by using the formula :

a)

7 cm



b)

9 cm



2) Find the area by using the formula :

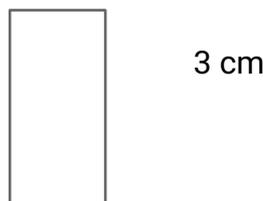
a)

5 cm



b)

1 cm



Q4) Solve the following :

(12 M)

- 1) If the perimeter of a square cardboard is 32 cm, find the length of its one side.
- 2) The dimensions of a cuboid are 15 cm , 18 cm and 6 cm .Find it's volume .
- 3) What is the length of each side of a cube where volume is 27 cu.cm ?

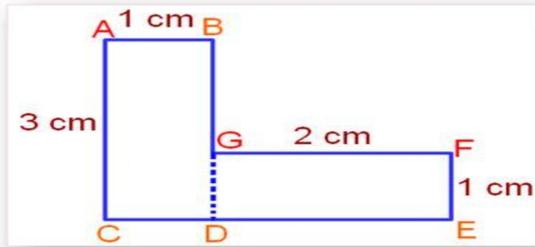


4) Find the perimeter of a table where length is 7.5 cm and breadth is 3.5 cm .

Q5) Solve the following :

(8 M)

1) Find the area of an irregular shape



2) How many cartons of length 50 cm, 30 cm , 40cm can be packed in a container truck whose length , breadth and height are 5 m , 2 m and 6 m (convert units) respectively ?

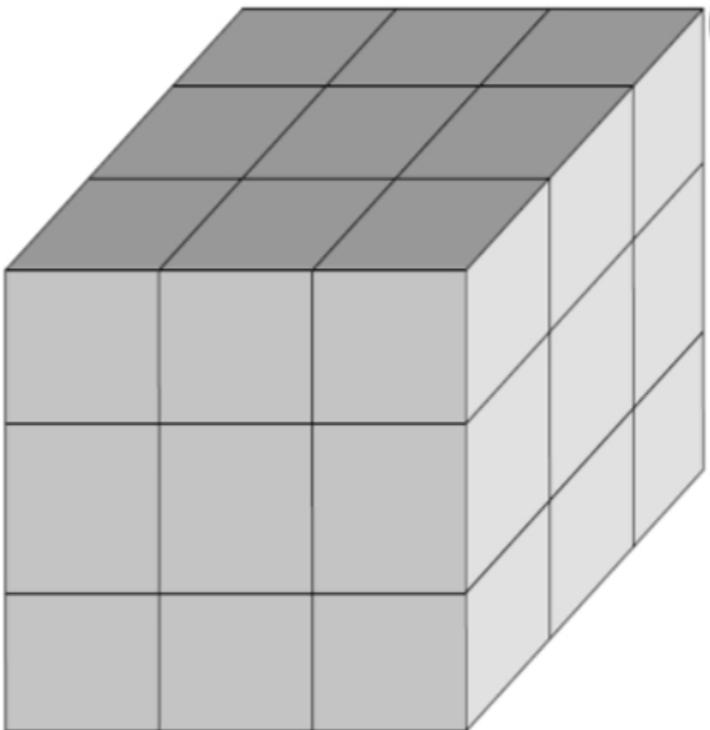
Q6) Solve the following :

(10 M)

1) Complete the table

Volume of cuboid	Length	Breadth	Height
45000 cu.cm	60 cm	10 cm	_____
_____	1.6 cm	2.8 cm	1.4 cm
23400 cu.cm	20 cm	_____	13 cm

2) Observe the figure carefully and answer the following questions given below :



a) How many rows ?

b) How many cubes in each row ?



- c) How many layers?
- d) What is the volume ?