

SECTION - A - KNOWLEDGE (20 MARKS)

A-I Fill in the blanks with correct answer. (1x6 = 6)

1. _____ is measured in cubic units.
a) Area b) Perimeter c) Volume d) Length
2. From the top view of a bridge we can make out its _____.
a) height and width b) length and width c) length and height
3. The length of the boundary of a figure is called its _____.
a) area b) volume c) perimeter d) None of these
4. The perimeter of a square = _____.
a) side x side b) 2 x Side c) l + b d) 4 X side
5. The lines used to represent the data is called _____.
a) curved lines b) tally marks c) underlines d) Pie graph
6. If we double the side of the square, its area will increase by _____ times.
a) two b) four c) six d) eight

A-II Do as directed. (2x5 = 10)

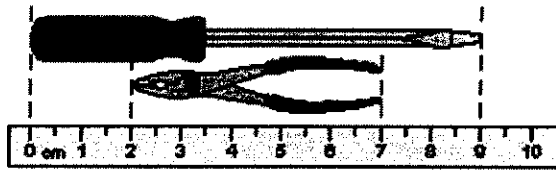
- 1) (i) Raju who lives in Bangalore wants to visit his friend in Bhopal. He has to travel towards _____.
- (ii) Distance from Jaipur to Delhi is 250 km .It is shown as 2 cm on map.
The scale of the map is _____.

2) Write in decimal:

85 centimetres = _____ metres

1050 gram = _____ kilograms.

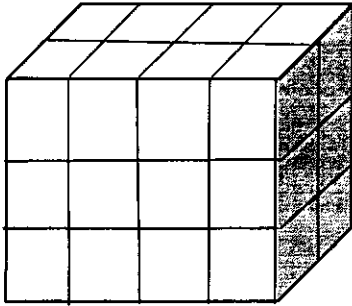
3) Write the length of the given objects.



i) The screwdriver is _____ cm long.

ii) The pliers are _____ cm long.

4)



a) The solid shown in figure is a _____.(Cube, Cuboid, Pyramid)

b) The bottom layer of the solid is made using _____ unit cubes. (8,6,12)

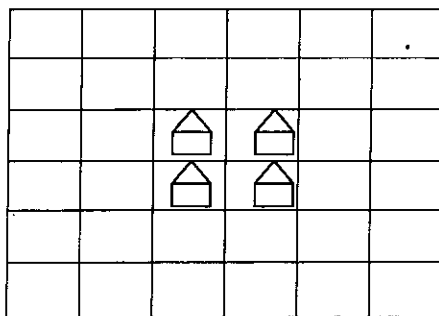
5) Divide the land among 4 brothers Hariya, Neelu, Peelu and Lalu equally and each should get a house. Also colour the parts as follows-

Hariya's part - Green

Neelu's part - Blue

Peelu's part - Yellow

Lalu's parts - Red

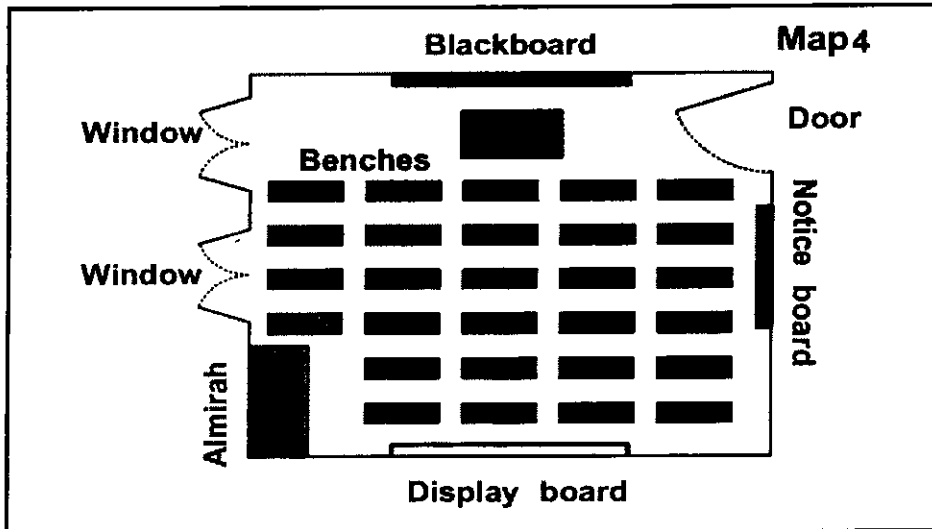


How many squares of land will each person get? _____

A-III) Do as directed:

(1 x 4 = 4)

Observe the picture given below and answer the questions.



- a) Tick the one which is exactly opposite to the display board?
(i) Almirah (ii) Notice board (iii) Blackboard (iv) Door
- b) Circle the students bench which is nearest to the Almirah
- c) Notice board is near to the _____ of the room. (window, door, almirah)
- d) Number of benches in the classroom _____.

SECTION - B - UNDERSTANDING (20 MARKS)

B-I Choose the correct answer and fill in the blanks:

(1x6=6)

i) Which one is not equal to 0.02? _____

(a) $\frac{2}{100}$

(b) 0.020

(c) 0.2

ii) If the edge of a cube doubles, its volume becomes _____

(a) 2 times

(b) 4 times

(c) 8 times

iii) 5 litre 50 ml = _____ litres


- (a) 5.500 (b) 50.50 (c) 5.050

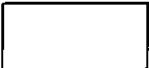
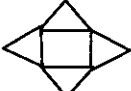

iv) If ☺ represents 6 girls, then ☺☺☺☺☺☺ represents _____ girls.

- (a) 30 (b) 20 (c) 5

v) An object drawn on a 2cm grid has an area of 8 sq cm; its area on a $\frac{1}{2}$ cm grid is _____ sq.cm.

- (a) 16 (b) $\frac{1}{2}$ (c) 4

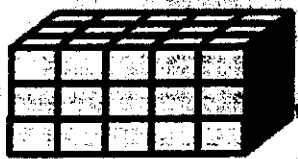
vi) The shape that will fold into  is _____.

- (a)  (b)  (c) 

B-II Solve the following.

(2x5 = 10)

1. Find the total number of cubes used to make this solid.



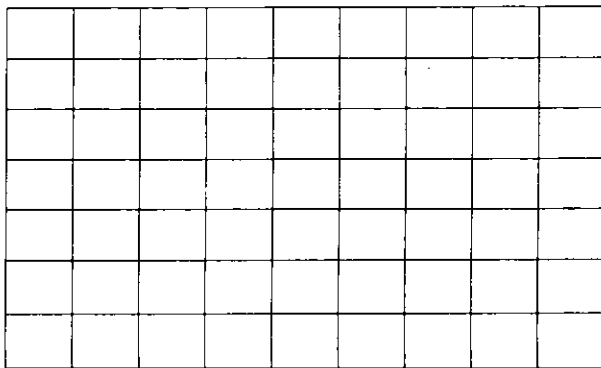
If each side of a cube is 1 cm, then length of solid = _____ cm.

Total number of cubes used to make the solid = _____ cubes.

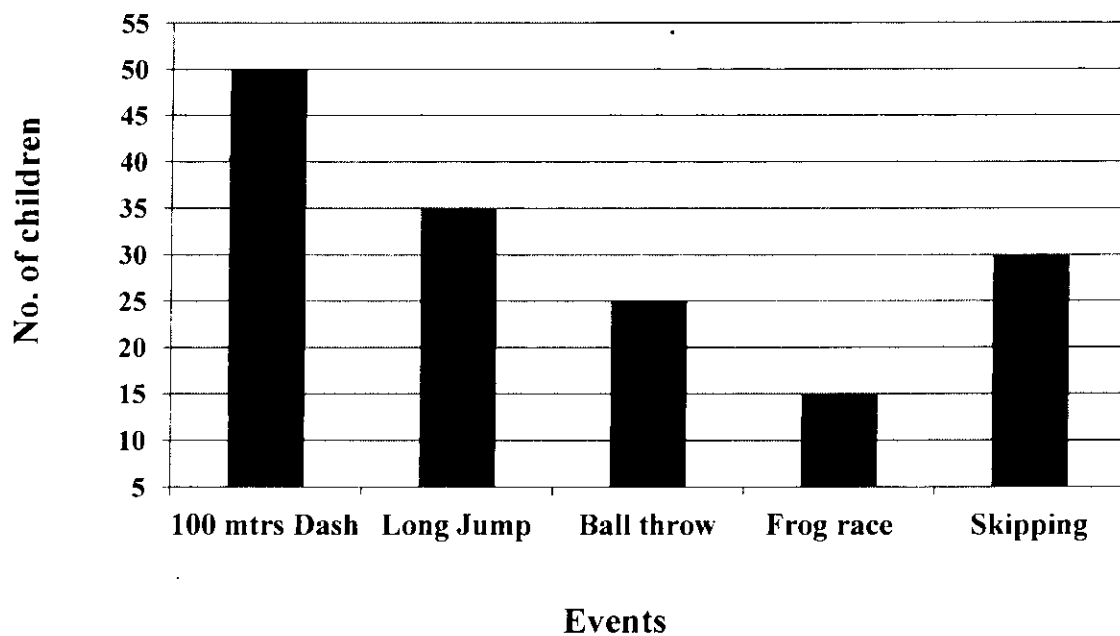
2) If 2 cm on map shows 200 km on ground. The distance between Delhi and Mumbai is 7 cm on the map. How far is Mumbai from Delhi on the ground?

3) A rectangle is 20 cm long and 12 cm wide. How many squares of 2 cm side can be arranged in the given rectangle?

4) Draw a rectangle and a square of 20 cm perimeter each in the given square grid.



5) The given bar chart shows the number of children of Class V who participated in five different events on the sports day. Observe carefully and answer .



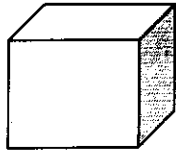


i) In which event did the most number of children participate?

ii) The number of children who participated in frog race is (more/less)
_____ than the number of children who participated in long
jump.

B-III Do as directed:

(1 x 4 = 4)

Fill in the blanks with the correct answer:

Sl.No.	Shape	Number of faces	Number of edges	Number of vertices
1		_____	_____	_____
2		_____	_____	_____
3		_____	8	_____

SECTION – C ABILITY TO COMPUTE (20 MARKS)

C-I Fill in the blanks.

(1x4=4)

1. $1/100 =$ _____ (in decimal).
2. Area of a square of side 1cm = _____ sq.cm.
3. Volume of a cube of 2cm = _____ cube cm.
4. $51 \times 50 =$ _____

C-II Do as directed.

(2x6=12)

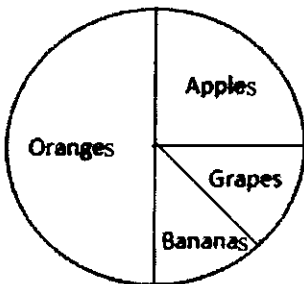
1) Find the product

$$386 \times 156$$

2) Divide

$$975 \div 25$$

3) Information about the most favourite fruit of the students in a class is recorded in the given chapati chart.



If 12 students in the class like apples,

a) How many students are there in the class?

b) No. of students who like grapes is _____ of the no. of students who like Orange.

(a) $\frac{1}{2}$

(b) $\frac{1}{4}$

(c) $\frac{1}{8}$

4) If 9 five rupee coins push up 10 ml of water, then

i) _____ five rupee coins push up 50 ml of water.

ii) 72 five rupee coins push up _____ ml of water.

5) In a long jump competition, Nakul jumped 3 m 45 cm.

(i) How many more centimetres should he jump to make it $3 \frac{1}{2}$ m?

(ii) Write the answer in meters also.

6) Find

(i) $72.25 + 100 =$ _____

(ii) $2.7 \times 9 =$ _____

C-III Solve the following.

(1+1+2=4)

1) Some students are going on trek. They pack their bags for 6 days.

(The list of food each person will need for one day)

Food	Quantity for one person one day
Rice	100g
Flour	100g
Dal	$\frac{1}{3}$ the weight of rice and flour
Oil	50g
dried Tomatoes	10g

Answer the questions given below.

i) How much rice and flour each person will need for 6 days?

ii) How much dal each person will need for 6 days?

iii) How much fresh tomatoes should be dried for 6 days for 10 people?
(Note: One kg of tomatoes becomes 100g when the water inside dries up).

SECTION – D APPLICATION (20 MARKS)

D-I Fill in the blanks by choosing the right answer. (1x4=4)

1) One matchbox costs Rs.2.50. Cost of 4 matchboxes is Rs._____.

- (a) 10.00 (b) 20.00 (c) 5.00

2) $\div 16 = 80$

- (a) 5 (b) 50 (c) 1280

3) If you belong to Generation I, your great grandparents belong to _____ generation.

- (a) III (b) IV (c) V

4) $4000 \text{ m} \times \text{_____ m} = 800 \text{ sq.m}$

- (a) 0.2 (b) 0.01 (c) 0.02

D-II Solve these questions.

(2x6 =12)

1) 576 books are to be packed in boxes. If one box has 24 books, how many boxes are needed?

2) If Soha drinks 8 glasses of water every day.

i) How many glasses of water will she drink in one week?

ii) How much water will she drink in one year?

3) A tank can be filled with 3000 L of water.

i) How much water is needed to fill 25 tanks?

ii) If 15 buckets can be filled with one tank of water, how many buckets in all can be filled with the water in 25 tanks?

4) Look for the pattern and take this forward.

$$1 \times 1 = 1$$

$$11 \times 11 = 121$$

$$111 \times 111 = 12321$$

$$1111 \times 1111 = \underline{\hspace{2cm}}$$

$$11111 \times 11111 = \underline{\hspace{2cm}}$$

5) The table drawn below shows the no. of trees in a Nature Park in different years.

Year	No. of trees
2000	150
2005	250
2010	450
2015	850
2020	---

i) If the no. of trees is increasing in a certain pattern, in 2020 there would be _____ trees.

(a) 950

(b) 1450

(c) 1650

ii) There would be 3250 trees in the year _____

(a) 2025

(b) 2030

(c) 2035

6) A five rupee coin weighs 9 g. A sack of 5 rupee coins weigh 9 kg.

i) How many coins are there in the sack?

ii) Write the amount in the sack.

D-III Find the following.

(4)

RATE LIST

Item	Cost in Rs. (per kg)
Wheat	42.50
Ground nut	28.50
Rice	49.00
Chilli	220.00

i) How many more rupees does 1 kg rice cost than 1 kg wheat?

ii) The cost of 2 kg ground nuts is Rs. _____

iii) Rahul bought 1 kg wheat and 1 kg chilli. He gave a 500 rupee note to the shopkeeper. Find the amount he gets back?
