



2. You are given the following weights. Using these weights you have to weigh out different amount of certain items. Which weights will you use?

Amount to be Weighed
1 kg 750 g
2 kg
900g
3 kg 300 g
150g
1 kg 50 g

1 kg

500g

200g

100g

50g

## II. Fill in the Blanks

1. One kilogram = \_\_\_\_\_ grams.
2. Half a kilogram = \_\_\_\_\_ grams.
3. The heavier one among 100g and 10 kg is \_\_\_\_\_
4. 1 kg = 5 x \_\_\_\_\_ grams.
5. 5 kg = \_\_\_\_\_ grams.
6. 2 kg = \_\_\_\_\_ grams.
7. 3 kg = \_\_\_\_\_ grams.
8. 7 kg = \_\_\_\_\_ grams.
9. 9 kg = \_\_\_\_\_ grams.

**1. Name 5 things that we usually buy**

in grams

in kilograms

- 1)
- 2)
- 3)
- 4)
- 5)

**I. Add the following in columns:**

- |                               |                        |
|-------------------------------|------------------------|
| a) 13 kg 750g and 24 kg 500 g | b) 5 kg 5g and 7kg 17g |
| c) 2kg 200g, 4kg 600g, 1kg    | d) 4 kg, 10kg, 200g    |

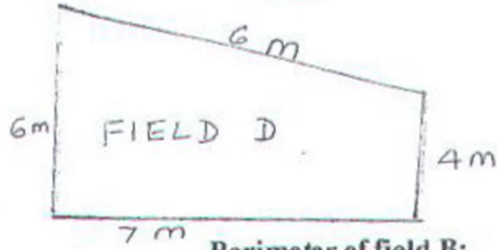
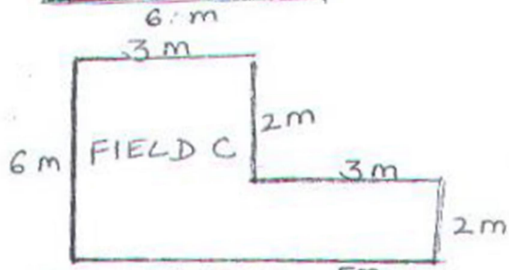
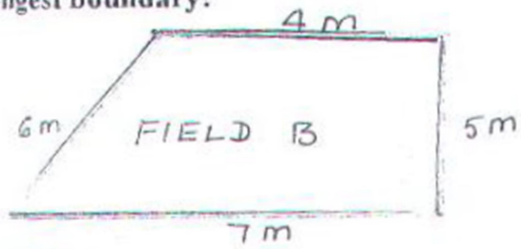
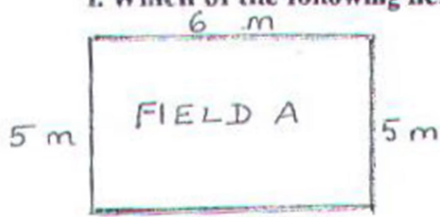
**2. Write in columns and subtract:**

- |                             |                            |
|-----------------------------|----------------------------|
| a) 38kg 500g from 45kg 250g | b) 79kg 759g from 91kg 60g |
|-----------------------------|----------------------------|

**1. Solve these:**

- a) A vegetable - seller had 25kg of onions. He sold 20kg 250g. How much onions are left with him?
  
  
  
  
  
  
  
  
  
  
- b) Mrs. Kapoor has 2KG OF NEEM POWDER. She wants to put it into smaller packets of 200g each. How many packets will she get?

I. Which of the following fields has the longest boundary?



Perimeter of field A: 5m

Perimeter of field B:

Perimeter of field C:

Perimeter of field D:

If the cost of fencing is Rs 25 per meter. How much does it cost to fence the fields?

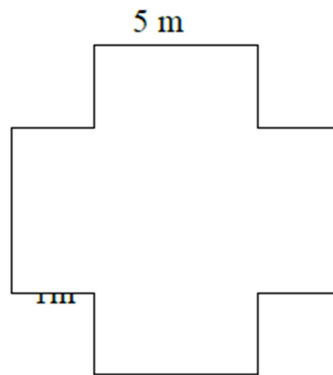
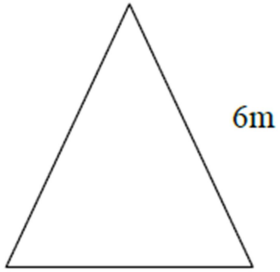
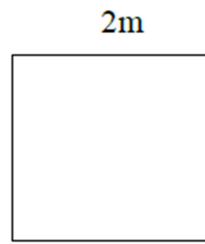
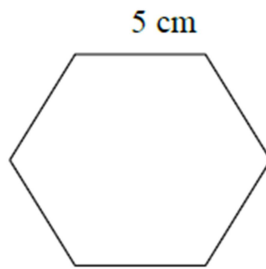
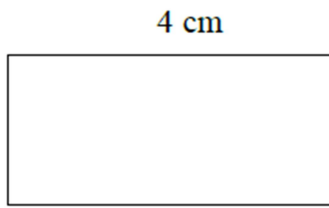
Cost of fencing field A :

Cost of fencing field B :

Cost of fencing field C :

Cost of fencing field D :

**1. Find the boundary for the following figures:**



**2. Answer the following:**

5m

1. Find the boundary around a square field of 13m and 65 cm.

2. Find the distance around a rectangular table of length 50 cm and width of 20m.

3. Find the length of the barbed wire required to go around 4 times a rectangular field 63m and width of 35 m.

**1. A square garden is 200m long. How much wire will be needed for fencing around it 3 times?**

**2. Shika bought a roll of lace of 20m. She stitches it around 5 rectangular table clothes of length 1m 5 cm and breadth of 75 cm. What length of the lace will be left?**

**3. X runs a circular play ground of length 103m and 55cm and Y runs a play ground of length 97m and 85cm. What is difference in distance?**

**4. Ram walks around a square field of length 6m and 25cm and Tanish walk around a rectangular field of length 4m 80cm and breadth of 5m 10 cm. Who walks a greater distance and by how much?**

**I. Find the perimeter of the following , squares , whose sides measuring**

A) 5 cm

b. 7 cm

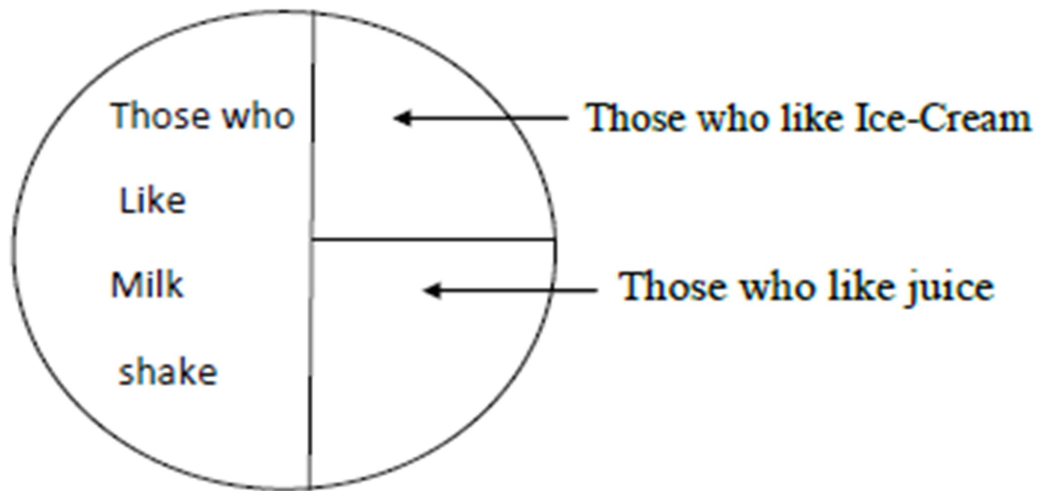
c) 10 m

**a) Find the perimeter of rectangle whose length and breadth are given.**

(i) Length = 7 cm                      breadth = 5 cm

(ii) Length = 12 cm                      breadth = 8 cm

(iii) Length = 15 cm                      breadth = 10 cm



See the Chapati chart and answer the questions given below:

a) How many children like Ice cream?

- (i) One – third    (ii) One – fourth    (iii) Three- fourth

b) How many like Milk Shake?

- i) One – third    (ii) Half    (iii) One fourth


c) Which item are liked by equal number?

- (i) Milk shake and Juice    (ii) Milk shake and Ice cream  
(iii) Ice- cream and Juic

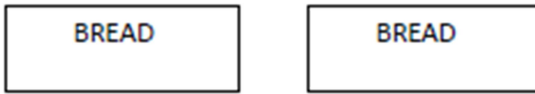
d) If total numbers of children are 405 then tell the number of children like:    Ice – cream    (ii) Milk shake    (iii) Juice

**1. The Number of loaves of bread baked in a bakery in four different months of a year are given below. Each picture represents 100 loaves.**

January : 

February : 

March : 

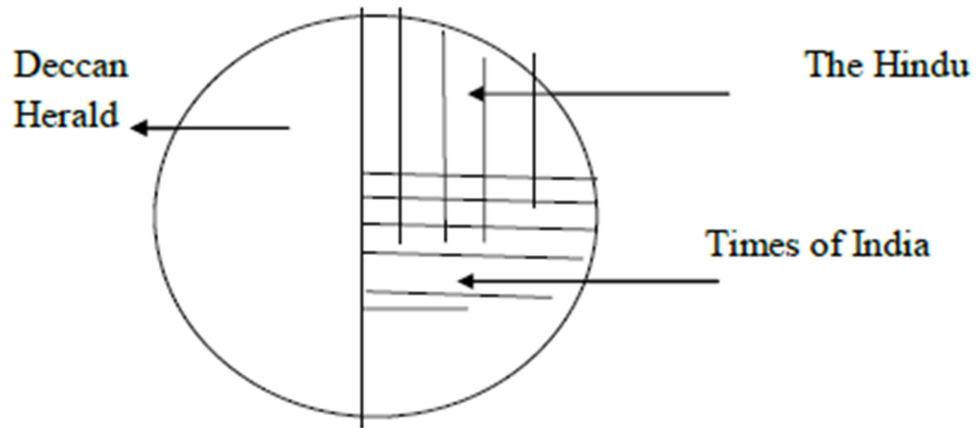
April : 

**Answer the following questions:**

- 1) Name the months in which the number of loaves baked was the same?
- 2) How many loaves were baked in January ?
- 3) In which month the number of loaves baked was minimum ?
- 4) What is the number of loaves baked in all the four months?
- 5) How many loaves were baked in March ?

There are 160 people in an apartment. The different newspaper they read is represented in this chapatti chart:

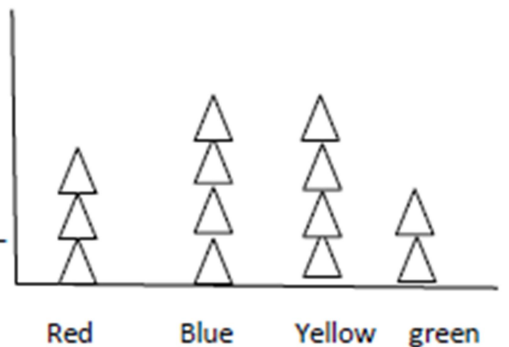
Observe the chart and write



1. Which newspaper is read the most? \_\_\_\_\_
2. Which newspaper is read the least? \_\_\_\_\_
3. Find the total number of newspapers read by all? \_\_\_\_\_

2. Observe this chart and answer. 1  $\triangle$  = 4 children

- a) Number of children who like red colour = \_\_\_\_\_
- b) Number of children who like blue colour: \_\_\_\_\_
- c) Total number of students: \_\_\_\_\_



**1. Number of balls sold by a shop on 6 days of a week. : Monday 17, Tuesday 12, Wednesday 20, Thursday 15, Friday 5 and Saturday 11.**

1) How many balls were sold on all the 6 days?

2) On which day the balls were sold more?

3) On which day less number of balls were sold?

4) How many balls were sold on Saturday than Friday ?

5) Number of balls sold on Thursday is thrice the number sold on Friday  
True/False

**1. Number of balls sold by a shop on 6 days of a week. : Monday 17, Tuesday 12, Wednesday 20, Thursday 15, Friday 5 and Saturday 11.**

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4) How many balls were sold on Saturday than Friday ?

5) Number of balls sold on Thursday is thrice the number sold on Friday  
True/False

**d) Try solve these:**

( Division is repeated subtraction)

- 1) Raju collects 112 sea shells to make necklaces for his sisters. He requires 28 sea shells to make a necklace. How many necklaces did he make?
  
- 2) Gangu made sweets for Diwali. He had 80 laddoos. He packs 4 laddoos in each small packet.
  - a) How many packets did he make? -----
  - b) If he packs, 20 laddoos in bigger packets how many packets does he get?

**1. Write these in repeated addition form**

a)  $10 \times 1 =$

b)  $3 \times 2 =$

c)  $6 \times 5 =$

d)  $2 \times 3 =$

**2. Make the multiplication table of 13 using any two multiplication tables:**

Table of - 

Table of - 

Table of 13 - 

**3. Find the product of**

a)  $2 \times 5 =$

b)  $12 \times 0 =$

c)  $7 \times 8 =$

d)  $18 \times 50 =$

e)  $17 \times 1 =$

f)  $90 \times 10 =$

**4. Find the product of**

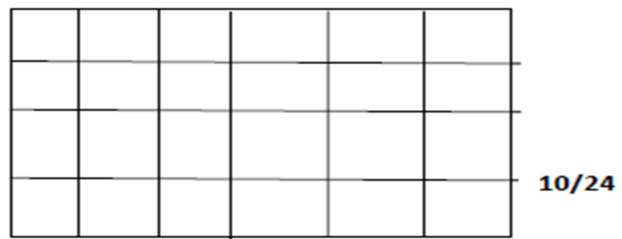
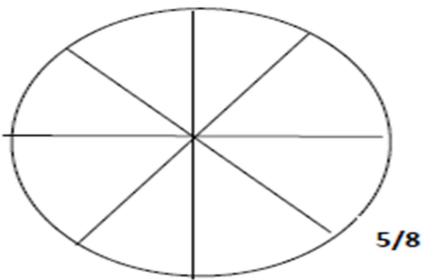
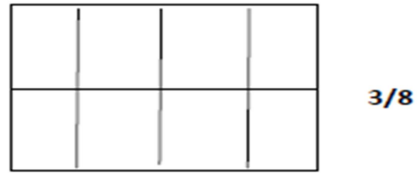
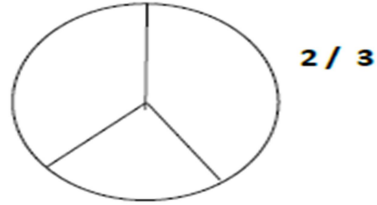
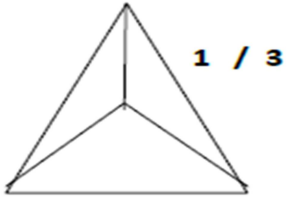
a)  $65 \times 35$

b)  $102 \times 84$

ATOMIC ENERGY CENTRAL SCHOOL INDORE

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1. Shade the given figures according to the fractions:



ATOMIC ENERGY CENTRAL SCHOOL INDORE

**1. Fill in the blanks:**

(a)  $\frac{1}{2}$  of litre = \_\_\_\_\_ ml      (b)  $\frac{3}{4}$  of kilo gram = \_\_\_\_\_ gm

(c)  $\frac{1}{4}$  of a litre = \_\_\_\_\_ ml      (d)  $\frac{3}{4}$  of litre = \_\_\_\_\_ ml

**2. Show the following fraction in one whole and in collection:**

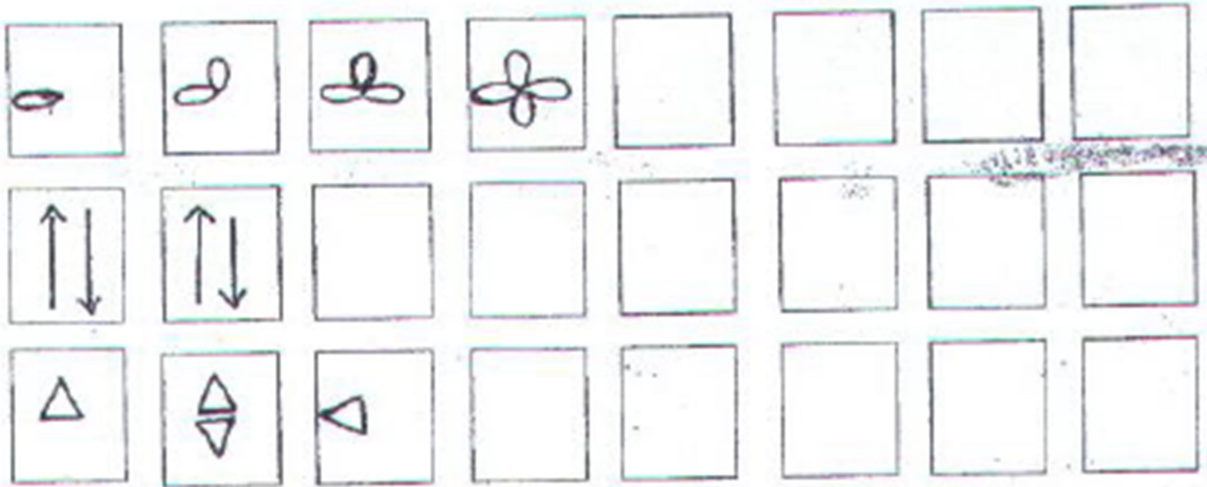
Fraction	whole	Collection
$\frac{1}{4}$		
$\frac{2}{4}$		
$\frac{3}{4}$		
$\frac{3}{5}$		
$\frac{2}{8}$		

ATOMIC ENERGY CENTRAL SCHOOL INDORE

Observe the patterns and fill in the boxes



Complete the given patterns.



ii. Make a pattern using  in the boxes given below.



**1. Observe the number pattern and extend:**

a) 2462, 2464, 2468 , \_\_\_\_\_, \_\_\_\_\_ , \_\_\_\_\_

b) 7353, 7358, 7363, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

c) 3726, 3763, 3746, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

d) 4111, 5111, 6111, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

e) 6250, 6300, 6350, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

f) 4510, 4514, 4518, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

g) 2345, 2346, 2347, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

h) 9323, 9322, 9321, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_









i) 5214, 5224, 5234, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

j) 1946, 1951, 1956 , \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

**2. Observe the pattern and extend:**

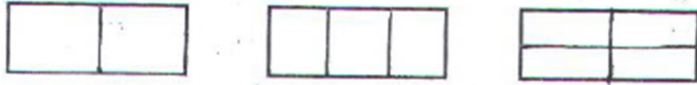


Continue the pattern

- 1)  .....
- 2)  .....
- 3)  .....
- 4)  .....
- 5)  .....
- 6) AB CD EF GH .....
- 7) AB BC CD DE .....
- 8)  .....
- 9)  .....
- 10)  .....

ATOMIC ENERGY CENTRAL SCHOOL INDORE

1) Colour one part of each of the following and write the fraction



2) Colour two parts and write the fraction



3) Colour two and write the fraction



4) Colour three and write the fraction



5) Colour three and write the fraction



I. Use a compass to make 2 designs in 2 separate circles.

II. Fill in the column:

RADIUS	DIAMETER
4 cm	
	12 cm
	6 cm
8 cm	
	10 cm
2 cm	
7 cm	

[ Hint: Diameter = 2 X Radius

Radius = diameter / 2 ]

III. Draw a circle with a radius 6 cm. With the same centre draw another circle of radius 4 cm. Within this circle, draw a third circle of radius 2 cm within this circle.



