

# Kendriya Vidyalaya Dhule

## Question Bank Second Term

Subject - Maths

Class – IV

### Knowledge

#### VSA

- Multiplication is repeated \_\_\_\_\_ .
- Perimeter is -----of all sides of the shapes
- Area of a square = \_\_\_\_\_ X \_\_\_\_\_
- Fill in the blanks:  
(a)  $\frac{1}{2}$  of litre = \_\_\_\_\_ ml                      (b)  $\frac{3}{4}$  of kilogram = \_\_\_\_\_ gm  
(c)  $\frac{1}{4}$  of a litre = \_\_\_\_\_ ml                      (d)  $\frac{3}{4}$  of litre = \_\_\_\_\_ ml
- \_\_\_\_\_ is a simple closed curve.
- \_\_\_\_\_ is the line that runs between the circle and its centre.
- \_\_\_\_\_ divides the circle into two equal halves.
- \_\_\_\_\_ is the distance around the circle; it is the length of the circle.
- Fill in the numerals in the boxes:  
a) In  $\frac{4}{6}$  ----- is the numerator and ----- is the denominator  
b) In  $\frac{3}{8}$  ----- is the numerator and ----- is the denominator  
c) In  $\frac{6}{9}$  , ----- is the numerator and ----- is the denominator  
d) In  $\frac{7}{8}$  ----- is the numerator and ----- is the denominator
- A radius is the \_\_\_\_\_ of a diameter.
- The product of 1 and a number is the \_\_\_\_\_ itself.

#### SA

- Decode given message.( Rule- Numbers have been used for letters)  
a) 7 15 15 4    14 9 7 8 20                      b) 8 15 23 1 18 5 25 15 21
- code given message by using rule-change the letter by 2<sup>nd</sup> next letter

3. a) All the best

b) meet me on moon

3. Write multiplication facts for given numbers

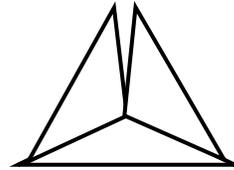
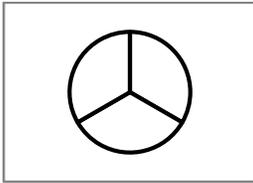
$$45 = \underline{\quad} \times \underline{\quad}$$

$$64 = \underline{\quad} \times \underline{\quad}$$

$$\underline{\quad} \times \underline{\quad}$$

$$\underline{\quad} \times \underline{\quad}$$

4. Colour  $\frac{2}{3}$  of given shape



5.

### UNDERSTANDING

#### VSA

1. Radius of a circle is 4 cm. what is its diameter?
2. If BANK is coded as CBOL, How will BOOK be coded?
3. Arrange the following objects in order of 'The Heaviest to The Lightest'  
A Horse, A Dog, An Elephant, An Ant, A Monkey
4.  $2 \text{ km} + 7 \text{ km} + 100 \text{ m} + 420 \text{ m} = \underline{\quad} \text{ Km } \underline{\quad} \text{ m}$
5.  $9 \times 44 \times 25 \times 0 = \underline{\quad}$

6. Fill in the Blanks

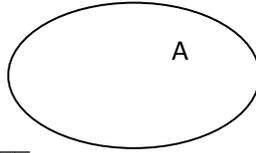
- a. One kilogram = \_\_\_\_\_ grams.
- b. Half a kilogram = \_\_\_\_\_ grams.
- c. The heavier one among 100g and 10 kg is \_\_\_\_\_
- d) 1 kg = \_\_\_\_\_ grams.
- f) 2.5 kg = \_\_\_\_\_ grams.
- g) 2 kg = \_\_\_\_\_ grams.
- h) 3 kg = \_\_\_\_\_ grams.
- i) 7 kg = \_\_\_\_\_ grams.
- j) 9 kg = \_\_\_\_\_ grams.

SA

1. Draw the radius and diameter of the given circles and measure it and find the relationship between radius and diameter

Circle A

Radius \_\_\_\_ Diameter: \_\_\_\_



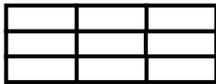
Circle B

Radius \_\_\_\_ Diameter: \_\_\_\_

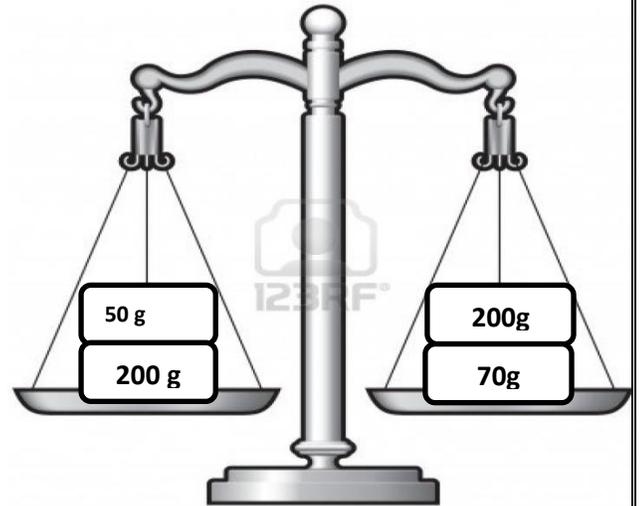
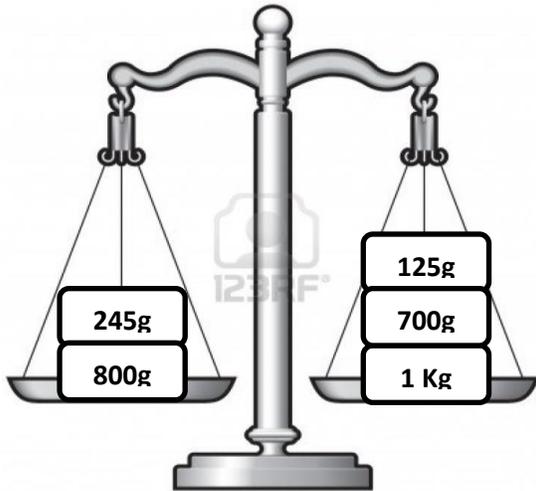
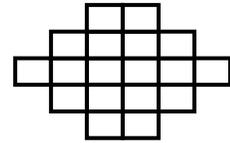


Relationship between Radius and Diameter

2. Complete the magic square by using numbers 1-9 so that addition of each line should be 15.



- Find out the area of given shape. ( Each square is of 1 cm square )
- Which pan of balance will go down? Show by arrow.

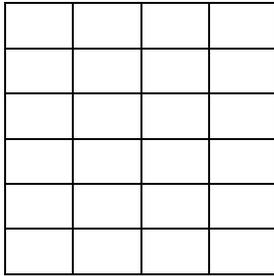


6. Colour the given figures according to the fractions:

a)  $\frac{1}{6}$  green

a)  $\frac{1}{4}$  yellow

b)  $\frac{2}{8}$  blue



7. Anu wants change for Rs.100

How many notes will she get if she wants change?

a) All 50 rupee notes? \_\_\_\_\_

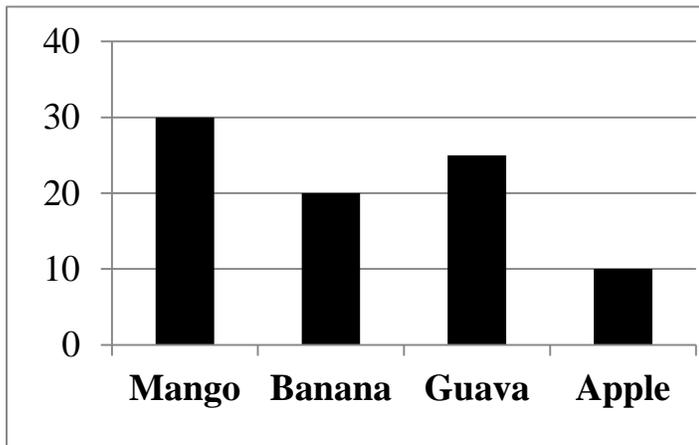
b) All 10 rupee notes ? \_\_\_\_\_

c) All 20 rupee notes? \_\_\_\_\_

d) All 5 rupee notes ? \_\_\_\_\_

**LA**

The chart shows food preferences among children. Look and answer.



a) Which fruit is most popular?

\_\_\_\_\_

b) Which fruit is least popular?

\_\_\_\_\_

c) How many children like Cherry?

\_\_\_\_\_

d) How many more children prefer Mango than apple? \_\_\_\_\_

2. Kaveri is a tailor. She has to fix lace around a table cloth of length 50 cm and width 20 cm . Find

out a) How much lace will she used for one table cloth?

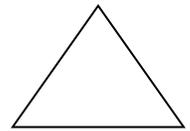
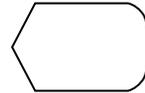
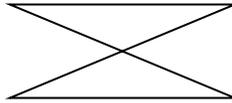
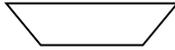
b) How much lace will she need to lace such 5 table cloths?

c) If she bought 100 metre roll of lace . How much lace will left after lacing 10 such tablecloths

**Ability to compute**

**VSA**

1. Calculate the boundary of given shape.



2. Complete the table.

Number	Half ( $\frac{1}{2}$ )	Quarter ( $\frac{1}{4}$ )	Three fourth ( $\frac{3}{4}$ )
32			
16			

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 . Divide

a)  $28 / 4 =$  b)  $14 / 2 =$  c)  $36 / 9 =$

d)  $25 / 5 =$  e)  $100 / 10 =$  f)  $27 / 3 =$

g)  $44 / 4 =$  h)  $54 / 6 =$  i)  $64 / 8 =$

**SA**

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

Table of -

Table of -

Table of 13 -

2. 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 and 1kg

d) 4 kg, 10kg and 200g

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

a) 38kg 500g from 45kg 250g

b) 79kg 759g from 91kg 60g

**LA**

21. Using Price list find out.

Item	Price in Rs ( per Kg)
Tomato	25
Potato	35
Onion	20
Pumpkin	40
Radish	50

a. How much does  $\frac{1}{2}$  Kg of onion costs?

Ans. \_\_\_\_\_

b. What is the price of  $\frac{3}{4}$  Kg of potato?

Ans. \_\_\_\_\_

c. Which costs more  $\frac{1}{2}$  kg onion or 1 kg pumpkin?

Ans. \_\_\_\_\_

d. Shabnam bought  $\frac{1}{2}$  kg radish and  $\frac{1}{4}$  kg tomatoes. How much did

she pay?

Ans. \_\_\_\_\_

**Problem Solving Ability**

**VSA**

1. Complete the table

No of legs			36		20		
No of cats	4	8		12		7	11

2. In a class of 54 children, one –third are girls. How many children are boys?

3. A bus carries 50 passengers. How many passengers will 4 buses carry?

4. A vegetable – seller had 25kg of onions. He sold 20kg 250g. How much onion are left with him?

**SA**

1. If you distribute Rs. 420 among 6 children. How much each one will get?

2. The price for one book is Rs. 30. Find the price for 117 such books.

3. A fruit seller had 32kg 500 g of apples. He sold 21 kg 250 g. How many apples are left with him?

K	Gra

4. Find the perimeter and area of the following , squares , whose sides measuring

A) 5 cm

b) 7 cm

c) 10 m

5. Find the perimeter of rectangle whose length and breadth are given.

a) Length - 7 cm breadth = 5 cm

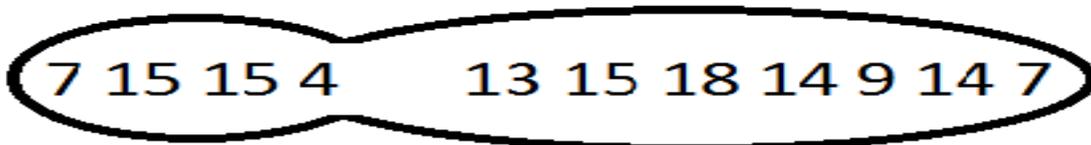
b) Length = 12 cm breadth = 8 cm

c) Length = 15 cm breadth = 10 cm

6. A truck can carry 120 bags of wheat at a time. In how many trips will it carry 1080 bags?

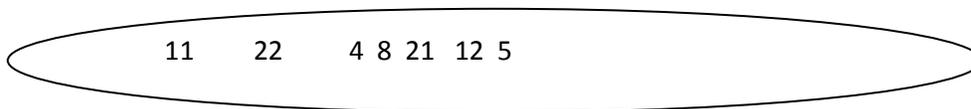
7. Sunil made a necklace of 17 sea-shells. He has 100 sea-shells. How many such necklaces can he make out of 100n such sea-shells ?

8. You have to distribute 96 oranges equally in 3 baskets. How many oranges will there be in each basket?

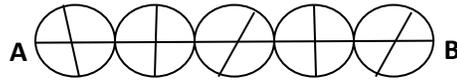


9)

10)



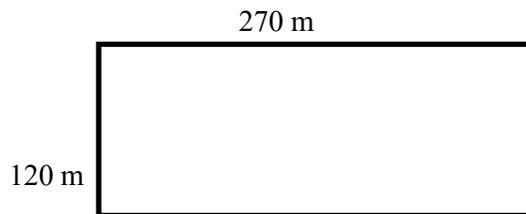
Q24. How long is the line **AB**.



The diameter of each circle is **4cm**.

**LA**

1. Arvind is a good runner. Every morning he runs 6 rounds of the nearby field. The measures of the sides of the field are given here. Find out how many kilometers does he run every day?



2) Gangu made sweets for Diwali. She had 80 laddoos. She packs 4 laddoos in each small packet.

a) How many packets did she make? \_\_\_\_\_

b) If he packs, 20 laddoos in bigger packets how many packets does she get?

3. 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 5m10 cm. Who walks a greater distance and by how much?

4) See the Chapati chart and answer the questions given below

5). Show the given data in a bar chart - 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.

6. Look at the postal rates and find out the cost of sending these items –

Postal Items	Postal Rates( in ru)
Letter weighing	
i) 20g or less	5 .00
ii) For every additional 20 g	2.00
Parcel weighing	5.00
i) 50g or less	

For every additional 50g	3.00
--------------------------	------

a) A parcel weighing 256g

b) A letter of 95 g

c) A parcel of 580 g

d) A letter of 140 g

ITEM	PRICE IN RS (Per Kg)
Tomato	30
Potato	12
Onion	60
Carrot	36
Pumpkin	18

1)

a) a)How much does  $\frac{1}{2}$  kg of tomatoes cost?

b)What is the price of  $\frac{3}{4}$  kg of potatoes?

c) Which costs more  $\frac{1}{2}$  kg of onions or  $\frac{1}{4}$  kg of carrots?

Make a question yourself from the price list.

### **PROBLEM SOLVING ABILITY**

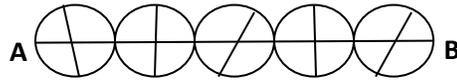
Q22. In a class of **60 student** ,**One-fourth are girls** .How many students are boys?

Solution:

Q23.Anjali has not gone to school for **21 days**. For how many weeks was she away from school?

Solution:

Q24. How long is the line **AB**.

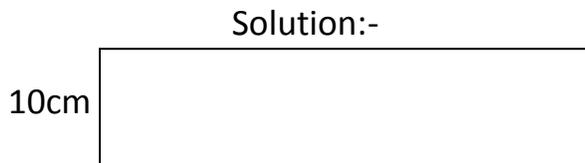


The diameter of each circle is **4cm**.

Solution:

Q25.(1) How many circles of **5cm** diameter will fit into each row in the rectangle given below?

40cm



(2) How many circles will fit into the rectangle altogether?

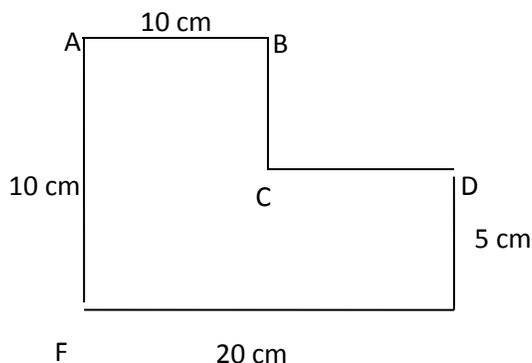
Solution:

Q26. A family of **6 people** needs **90Kg** of Wheat for a month. **How much** Wheat does this family need for a week?

Solution

Q27. Find out the length of side **BC** and **CD**. Also find the Perimeter of the given

figure



Q28. There are **300** bricks in a hand cart. Weight of a brick is **4Kg**. What will be the total weight of all the bricks?

Q29. Some children were asked which of these subjects they like most- ENGLISH, HINDI, MATHS, and EVS.

SUBJECT	No. OF CHILDREN
ENGLISH	25
HINDI	30
MATHS	25
EVS	20

(1) Find out from the table

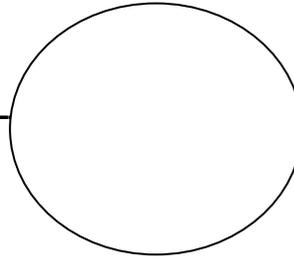
(a) The total number of Children = \_\_\_\_\_

(b) How many children like Maths subject  $\frac{1}{2}$  or  $\frac{1}{4}$ .

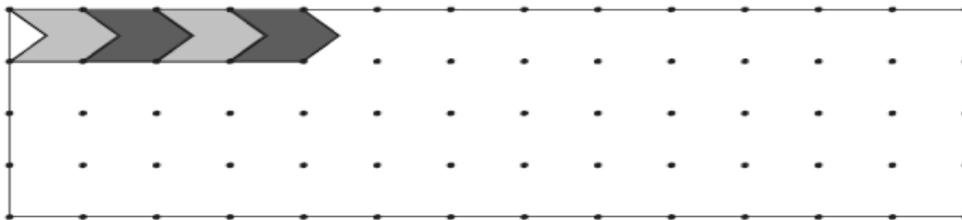
\_\_\_\_\_

(2) Show the number of children that like English, Hindi, Maths and EVS in a CHAPPATI-CHART.

30) How many cats will have 12 legs? \_\_\_\_\_



31) Cover the design as shown below.



32). Show the given data in a bar chart - 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.

33) . Look at the postal rates and find out the cost of sending these items –

