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**QUESTION BANK FOR IV MATHS (TERM – I FOR SA1)**  
**Portion : Chapter 1 to 7 ( Upto Jugs and mugs)**

**( Building with bricks)**

**I Fill in the blanks :**

1. A matchbox is in \_\_\_\_\_ shape.
2. A dice has \_\_\_\_\_ corners.
3. A brick has \_\_\_\_\_ edges.
4. A brick has \_\_\_\_\_ faces.
5. An example for a cuboid shape is \_\_\_\_\_
6. A square has \_\_\_\_\_ corners.
7. A triangle has \_\_\_\_\_ corners.

**II Analyze the given data and find the cost of the following there after:**

Brick Type	Rate per 1000 bricks
Old brick	Rs.2000
New brick	Rs.5000

- a) Cost of 500 old bricks
- b) Cost of 2000 new bricks
- c) Cost of 7000 new bricks
- d) Cost of 4000 new bricks
- e) Cost of 500 old bricks and 500 new bricks
- f) Cost of 2000 old bricks and 1000 new bricks
- g) What is the cost difference between old and new bricks?
- h) What is the cost of one old brick?

**III II Analyze the given data and find the cost of the following there after:**

Brick Type	Rate per 1000 bricks
Old brick	Rs.1000
New brick of 1 <sup>st</sup> quality	Rs.2000
a) New bricks of 2 <sup>nd</sup> quality	Rs. 3000

- b) Cost of 500 old bricks

- c) Cost of 2000 new bricks of 1<sup>st</sup> quality.
- d) Cost of 500 new bricks of 2<sup>nd</sup> quality
- e) Cost of 6000 new bricks
- f) Cost of 500 old bricks and 500 new bricks
- g) Cost of 2000 old bricks and 1000 new bricks
- h) What is the cost difference between old and new bricks of 2<sup>nd</sup> quality at per thousand bricks?
- i) What is the cost of one old brick?

## **CHAPTER 2 – LONG AND SHORT**

### **I Fill in the blanks:**

- a) The standard unit of length is \_\_\_\_\_
- b) Distance between Chennai and New Delhi is measured in \_\_\_\_\_
- c) The length of a saree is measured in \_\_\_\_\_
- d) The length of the nail is measured in \_\_\_\_\_

### **II Convert as directed**

- a) Half m = \_\_\_\_\_ cm
- b) 3000 metres = \_\_\_\_\_ Kilometre
- c) 450cms = \_\_\_\_\_ metres \_\_\_\_\_ cms
- d) 600 cm = \_\_\_\_\_ metres
- e) 10 metres = \_\_\_\_\_ cms
- f) 16metres= \_\_\_\_\_ cms

### **III Write the statement and solve the problem:**

- a) In a long jump event, Suman had the jump of 3 m 70 cms. Uma's jump was 25cms less than Suman. Rani's jump was 3m 40 cm. Reena's jump was 20 cm less than Rani's. Put them in order of winner.

- b) In a long jump event, Robin had the longest jump of 3 m 50 cms. Sachin stood second. His jump was 15cms less than Robin. Rohan stood third and was only 10 cms less than Sachin. How much did Rohan and Sachin jump?

### CHAPTER – 3 (TRIP TO BHOPAL)

#### I Fill in the blanks:

- a) Half km = \_\_\_\_\_ metres  
b) 19 kms = \_\_\_\_\_ metres  
c) 12000 metres = \_\_\_\_\_ kms  
d) 6500 metres = \_\_\_\_\_ kms ; \_\_\_\_\_ metres  
e) 8 kms = \_\_\_\_\_ metres

#### II Do as directed:

- 1) A group of students want to go for a picnic. If a bus can carry 40 students find the number of buses needed for the following students:
- a) 160 students  
b) 140 students  
c) 200 students  
d) 240 students  
e) 120 students  
f) 180 students  
g) 600 students

### CHAPTER IV (TICK; TICK ; TICK )

#### I Fill in the blanks:

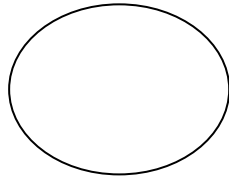
- a) 2 hour = \_\_\_\_\_ minutes  
b) 1 minute = \_\_\_\_\_ seconds  
c) 1 day = \_\_\_\_\_ hours  
d) 10days = \_\_\_\_\_ hours  
e) A Century = \_\_\_\_\_ years  
f) 12 days = \_\_\_\_\_ hours  
g) Half an hour = \_\_\_\_\_ minutes  
h) 5 days= \_\_\_\_\_ hours

- i) 7 days = \_\_\_\_\_ hours  
 j) 48 hours = \_\_\_\_\_ days

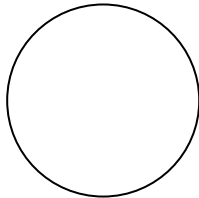
## II Convert into 24 hours clock time

- |             |                 |
|-------------|-----------------|
| a) 5:30pm   | (e) 2:30pm      |
| b) 11:30 am | (f) 7:45pm      |
| c) 3:45pm   | (g) 12 midnight |
| d) 9:00 am  | (h) 10:00pm     |

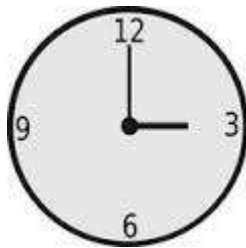
III a.) Rita starts at 7:10am from her house. She takes 30 minutes to reach the school. At what time does she reach the school. Show in the clock.



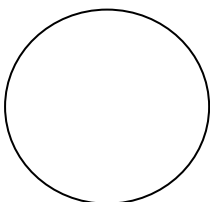
b.) Sita starts at 6:00am from her house. She takes 20 minutes to reach the play ground. At what time does she reach the school. Show in the clock.



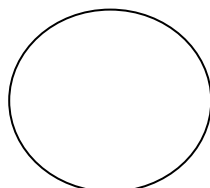
IV Read the clock time:



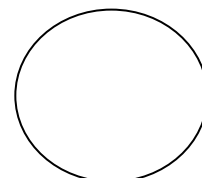
V Draw the time



4:05



7:35



12:45

VI Find the minutes:

- When the minute hand has moved from 2 to 5 , \_\_\_\_\_ minutes have passed.
- When the minute hand has moved from 7 to 10, \_\_\_\_\_ minutes have passed.
- When the minute hand has moved from 5 to 8 , \_\_\_\_\_ minutes have passed.

### CHAPTER – 5 WHERE TO LOOK FROM?

I Draw top view, side view and the front view of the following:

- A bottle
- Stair case
- Spoon
- A lid
- Pencil box
- Table
- Car
- Cooker
- A basket

II. Make a route map from your home to your school.(Mention the important places on the way.)

III. Make a route map from your classroom to par your playground.(Mention the classrooms and important places on the way.)

### CHAPTER – 6 -JUNK SELLER

I Find

- $22 \times 1000 = \underline{\hspace{2cm}}$
- $68 \times 100 = \underline{\hspace{2cm}}$
- $22 \times 4 = \underline{\hspace{2cm}}$
- $3456 \times 100 = \underline{\hspace{2cm}}$
- $9008 \times 1000 = \underline{\hspace{2cm}}$
- $\underline{\hspace{1cm}} \times \underline{\hspace{1cm}} = 50$
- $\underline{\hspace{1cm}} \times \underline{\hspace{1cm}} = 18$
- $\underline{\hspace{1cm}} + \underline{\hspace{1cm}} + 30 = 40 + 35$
- $\underline{\hspace{1cm}} + 45 = 20 + 49$

II. Multiply by box method :

- a)  $34 \times 65$                       b)  $27 \times 34$                       c)  $67 \times 31$                       d)  $21 \times 42$

III. Multiply :

- a)  $234 \times 32$                       b)  $467 \times 32$                       c)  $492 \times 20$                       d)  $451 \times 21$

**IV Analyse the data given and find the amount thereafter:**

JUNK	Price per Kg (In rupees)
Waste paper	4
News Paper	6
plastic	8
Iron	10

If you sell the following how much money will you get?

- Rohan wants to buy 4 kgs of waste paper. How much will he pay?
- Robin sold 7 kgs of news paper. How much did he get?
- Sachin bought 10kgs of waste paper. How much did he pay?
- Rohan wants to buy 12 kgs of waste plastic. How much will he pay?
- Roma sold 7 kgs of news iron. How much did he get?
- Sona bought 20kgs of plastic. How much did he pay?
- Rohan wants to buy 24 kgs of waste paper. How much will he pay?
- Robin sold 17 kgs of iron. How much did he get?
- Sachin bought 16kgs of plastic. How much did he pay?

V) Ruchi took a loan from a bank for Rs. 20,000. He paid them Rs. 1600 per month for one year. Now answer the following :

- He paid in 6 months = \_\_\_\_\_
- He paid in 12 months = \_\_\_\_\_
- How much more amount he had to pay = \_\_\_\_\_
- If he paid Rs. 1675 per month to the bank . How much should he pay after 1 year?

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**CHAPTER – 7 (JUGS & MUGS)**

**I Find the capacity of**

- a) A spoon
- b) A bucket
- c) A mug
- d) A syringe
- e) Your water bottle

II How much water do you use in a day for the following activities?

- a) Brushing
- b) Bathing
- c) Drinking
- d) Washing your sacks
- e) Watering the plants

III Convert into millilitre

- a) 12litres = \_\_\_\_\_ ml
- b) 24litres= \_\_\_\_\_ ml
- c) 9litres = \_\_\_\_\_ ml
- d) 7litres 700 ml = \_\_\_\_\_ ml
- e) 20litres 350ml = \_\_\_\_\_ ml
- f) 35litres 200ml= \_\_\_\_\_

IV. A.) 1500 ml = \_\_\_\_\_ l + \_\_\_\_\_ ml+ \_\_\_\_\_ ml

B.) 5000 ml = \_\_\_\_\_ ml + \_\_\_\_\_ ml+ \_\_\_\_\_ ml + \_\_\_\_\_ ml

C.) 3200 ml = \_\_\_\_\_ ml + \_\_\_\_\_ ml+ \_\_\_\_\_ ml

D.) 4500 ml = \_\_\_\_\_ Sl + \_\_\_\_\_ ml+ \_\_\_\_\_ ml

V. 1) Sila bought 5 l 750 ml of milk on Tuesday and 9 l 250 ml of milk on Friday. How much milk did she buy in all?

2.) Sila bought 6 l 750 ml of milk on Monday and 2 l 450 ml of milk on Tuesday. How much milk did she buy in all?

VI. Write in column and add

- a) 2 l 250 ml and 3 l and 234ml
- b) 4 l 455 ml and 4 l and 250 ml
- c) 2 l 250 ml and 6 l and 560ml

## CARTS OR WHEELS

I. Find the diameter of the circle if radius is

- a) 14cm b) 20 cm c) 24 cm d) 8 cm e) 36 cm f) 54 cm

II. Find the radius if diameter is :

- a) 38 cm b) 46 cm c) 22 cm d) 56 cm e) 12 cm

III. Draw the circle and marks its centre and radius if the radius is :

- a) 2 cm b) 5 cm c) 4 cm d) 2.5 cm e) 3cm

IV. Fill in the blanks:

- a) Diameter is \_\_\_\_\_ times of radius.  
 b) Radius is \_\_\_\_\_ of diameter.  
 c) Radius= Diameter \_\_\_\_\_

V. Draw 2 patterns using circle.

## HALVES AND QUARTERS

I. Arrange the following in ascending and decending order

$$\frac{1}{13}, \frac{7}{13}, \frac{5}{13}, \frac{3}{13} =$$

$$\frac{5}{11}, \frac{2}{11}, \frac{6}{11}, \frac{3}{11} =$$

$$\frac{11}{19}, \frac{17}{19}, \frac{15}{19}, \frac{13}{19} =$$

$$\frac{11}{17}, \frac{9}{17}, \frac{3}{17}, \frac{13}{17} =$$

II Fill in the blanks to make the fraction equivalent

a)  $2 = \frac{\square}{5} = \frac{\square}{30}$

b)  $\frac{\square}{5} = \frac{10}{50}$

c)  $4 = \frac{\square}{5} = \frac{\square}{25}$

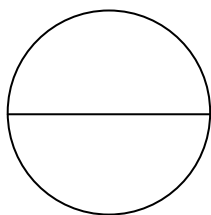
d)  $\frac{\square}{5} = \frac{16}{20}$

e)  $4 = \frac{\square}{8} = \frac{\square}{2s}$

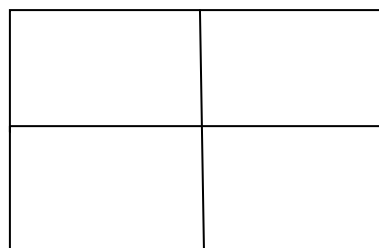
f)  $\frac{\square}{15} = \frac{1}{3}$

III. Colour  $\frac{1}{2}$  of each of the given figures.

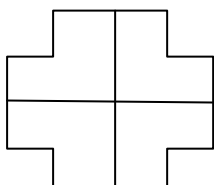
a)



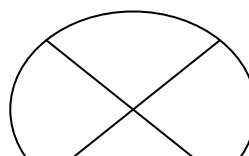
b)



c)



d)





III. Answer the following question by looking at the price list of vegetables.

ITEM)	PRICE IN Rs.(per kg)
Brinjal	28
Beans	40
Beetroot	20
Carrot	24
Potato	16

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

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b) How much does  $\frac{3}{4}$  kg of brinjal and  $\frac{1}{2}$  kg of carrot cost together?

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c) How much does  $\frac{3}{4}$  kg of potato cost?

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d) If you have Rs150.Can you buy 1kg of all the vegetables?

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e) Which costs more?  $\frac{1}{2}$  kg potatoes or  $\frac{1}{4}$  kg of onion?

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10) Read the list and give the answer

Item	Price in rs. (per kg)
plastic	16
iron	12
Newspaper	14

Wasterpaper	20
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- |    |  |                                       |
|----|--|---------------------------------------|
| 1) | iron cost?   | How much does $\frac{1}{2}$ kg        |
| 2) | plastic?   | What is the price of $\frac{3}{4}$ kg |
| 3) | can you buy $\frac{1}{2}$ kg newspaper and $\frac{1}{4}$ kg plastic? | If you are having Rs10 .              |
| 4) | steel?   | What is the cost of $\frac{1}{4}$ kg  |
| 5) | plastic?   | What is the price of $\frac{1}{2}$ kg |

### FUN WITH NUMBERS

Write different types of your 5 digit, 4 digit number and then answer the following questions:

Number = \_\_\_\_\_

- a) Number name : \_\_\_\_\_
- b) Expanded form : \_\_\_\_\_
- c) Add 1000 : \_\_\_\_\_
- d) Add 100 : \_\_\_\_\_
- e) Subtract 1000: \_\_\_\_\_
- f) Subratct 500 : \_\_\_\_\_
- g)Multiply by 100 = \_\_\_\_\_
- h)Multiply by 10 = \_\_\_\_\_
- i)Multiply by 1000 = \_\_\_\_\_
- e) Divide by by 1 = \_\_\_\_\_