

KENDRIYA VIDYALAYA, I I T CAMPUS, CHENNAI 36
QUESTION BANK FOR IV MATHS (TERM – I FOR SA1)
2016-17

Portion : Chapter 1 to 7 (Upto Jugs and mugs)

Chapter : 1 (Brick Pattern)

I Fill in the blanks :

1. The brick is in _____ shape.
2. A brick has _____ corners.
3. A brick has _____ edges.
4. A brick has _____ faces.
5. An example for a cuboid shape is _____
6. An example for a cubical shape is _____
7. A square has _____ corners.
8. 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 3000 old bricks
- b) Cost of 5000 old bricks
- c) Cost of 500 old bricks
- d) Cost of 2000 new bricks
- e) Cost of 500 new bricks
- f) Cost of 7000 new bricks
- g) Cost of 4000 new bricks
- h) Cost of 500 old bricks and 500 new bricks
- i) Cost of 2000 old bricks and 1000 new bricks
- j) What is the cost difference between old and new bricks?
- k) What is the cost of one old brick?

III Draw the following

- a) A brick
- b) Two floor patterns

c) Two wall patterns

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) 1 m = _____ cm
- b) 1000metres = _____ Kilometre
- c) 150cms = _____ metres _____ cms
- d) 400 cm = _____ metres
- e) 9 metres = _____ cms
- f) 13metres= _____ cms

III Write the statement and solve the problem:

- a) In a long jump event, Sunita had the jump of 2 m 70 cms. Uma's jump was 15cms less than Sunita. Rani's jump was 2m 40 cm. Put them in order of winner.

- b) In a long jump event, Suma had the longest jump of 3 m 90 cms. Uma stood second. Her jump was 25cms less than Suma. Rama stood third and was only 15 cms less than Uma. How much did Uma and Rama jump?

CHAPTER – 3 (TRIP TO BHOPAL)

I Fill in the blanks:

- a) 1 km = _____ metres
- b) 15kms = _____ metres
- c) 18000 metres = _____ kms
- d) 9500 metres = _____ kms ; _____ metres

e) 6kms = _____ 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

2) A group of students want to go for a picnic. If a bus can carry 35 students find the number of buses needed

- h) 105 students
- i) 140 students
- j) 210 students
- k) 240 students
- l) 120 students
- m) 180 students
- n) 700 students

3) Observe the data and answer the questions thereafter:

Type of boat	Time taken for one trip	Ticket for one trip(in Rs)
Motor boat	30 min	50
Machine boat	20 min	70
Oar boat	45 min	30

- a) If you have Rs.100/- which are the trips that you will choose?
- b) If you have 1 hour time, which are the rides that you prefer to choose?
- c) If you have half an hour time, which ride will you choose?
- d) If you have rs.50, which one will you choose and why?

I Fill in the blanks:

- a) 1 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
- k) 96 hours = _____ days
- l) 1 minutes = _____ seconds

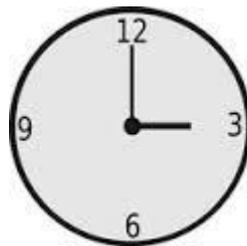
II Convert into 24 hours clock time

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

III a.) Sita starts at 7:40am from her house. She takes 20 minutes to reach the school. At what time does she reach the school.

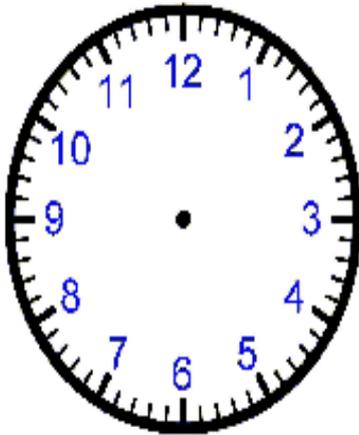
b.) Sita starts at 9:00am from her house. She takes 20 minutes to reach the play ground. At what time does she reach the school.

IV Read the clock time:

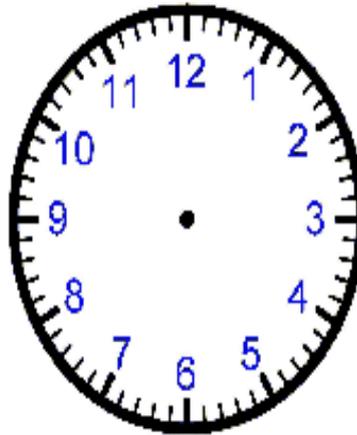


V Draw the time

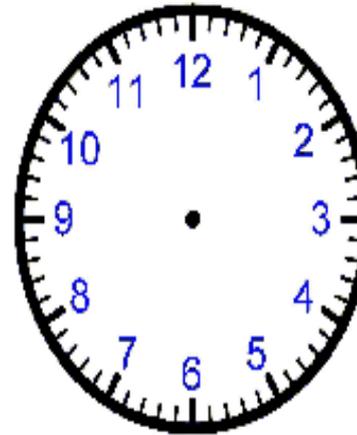
Draw the Hands on the Clock Face



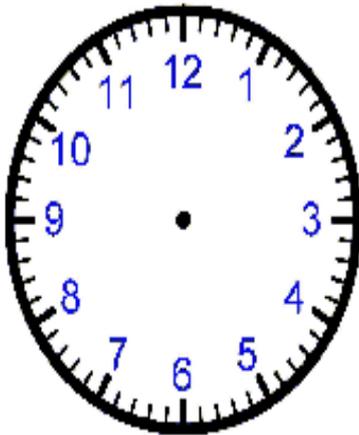
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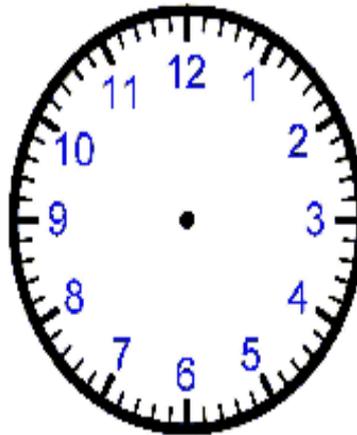
11:20



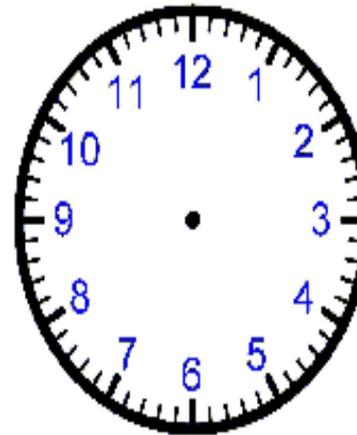
7:20



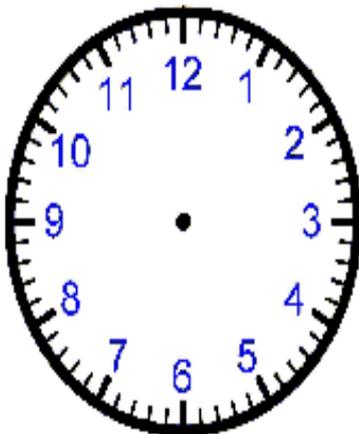
4:20



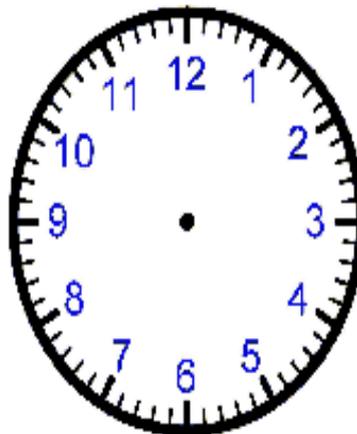
10:20



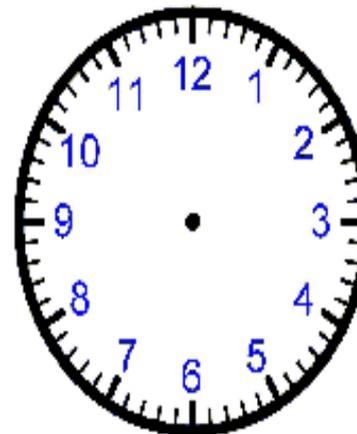
5:00



8:00



9:40



10:20

VI Find the minutes:

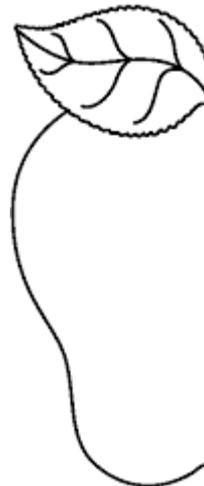
- a) When the minute hand has moved from 2 to 5 , _____ minutes have passed.
- b) When the minute hand has moved from 7 to 10, _____ minutes have passed.
- c) When the minute hand has moved from 5 to 8 , _____ minutes have passed.
- d) When the minute hand has moved from 2 to 7 , _____ minutes have passed.
- e) When the minute hand has moved from 3 to 5, _____ minutes have passed.

CHAPTER – 5 WHERE TO LOOK FROM?

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

- a) A bottle
- b) Stair case
- c) Spoon
- d) A lid
- e) Pencil box
- f) Chair
- g) Table
- h) Car
- i) Cooker
- j) A basket

II Draw the mirror half of the following



I Find

- a) $20 \times 1000 =$ _____
 b) $98 \times 100 =$ _____
 c) $40 \times 10 =$ _____
 d) $22 \times 4 =$ _____
 e) $3456 \times 100 =$ _____
 f) $9008 \times 1000 =$ _____
 g) _____ \times _____ $= 50$
 h) _____ \times _____ $= 18$
 i) $1 \text{ kg} =$ _____ g
 j) $4 \text{ kg} =$ _____ g
 k) $1 \text{ rupees} =$ _____ paise

II 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?

- a) 4 kgs of waste paper
 b) 7 kgs of waste paper
 c) 10kgs of waste paper
 d) 20kgs of waste paper
 e) 13kgs of waste paper
 f) 4 kgs of newspaper
 g) 7 kgs of newspaper
 h) 10kgs of newspaper
 i) 20kgs of newspaper
 j) 13kgs of newspaper
 k) 4 kgs of plastic
 l) 7 kgs of plastic
 m) 10kgs of plastic

- n) 20kgs of plastic
- o) 13kgs of plastic
- p) 4 kgs of iron
- q) 7 kgs of iron
- r) 10kgs of iron
- s) 20kgs of iron
- t) 13kgs of iron
- u) 20kgs of newspaper
- v) 15kgs of plastic
- w) 10kgs of waste paper
- x) 50kgs of iron

IV A.) Daya took a loan of Rs. 3100 and returned Rs. 3400 after one year. How much more did he return?

B.) Ram took a loan of Rs. 4000 and returned Rs. 4600 after one year. How much more did he return?

V Multiply by box method:

- A) 34×21
- B) 21×12
- C) 42×15

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= _____ ml

IV Convert into litre

- a) 14500ml = _____ litre ; _____ ml
 b) 9560ml = _____ litre ; _____ ml
 c) 7000ml = _____ litre; _____ ml
 d) 3495ml = _____ litre; _____ ml
 e) 10430ml = _____ litre; _____ ml

V Add

$$\begin{array}{r} 4\text{litre } 450 \text{ ml} \\ + 5 \text{ litre } 300 \text{ ml} \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 12 \text{ litres } 500 \text{ ml} \\ + 9 \text{ litres } 650 \text{ ml} \\ \hline \\ \hline \end{array}$$

VI Subtract

$$\begin{array}{r} 19 \text{ litres } 900 \text{ ml} \\ - 8 \text{ litres } 350 \text{ ml} \\ \hline \\ \hline \end{array}$$

$$\begin{array}{r} 37 \text{ litres } 560 \text{ ml} \\ - 19 \text{ litres } 700 \text{ ml} \\ \hline \\ \hline \end{array}$$

VII A.) 1500 ml = _____ ml + _____ ml+ _____ ml

B.) 5000 ml = _____ ml + _____ ml+ _____ ml + _____ ml

CS.) 200 ml = _____ ml + _____ ml+ _____ ml

VIII Ram used 10 ml water for making one cup of tea. Yesterday he made 90 cups of tea. How much water did he use?

Ram used 20 ml water for making one cup of tea. Yesterday he made 45 cups of tea. How much water did he use?

Ram used 15 ml water for making one cup of tea. Yesterday he made 60 cups of tea. How much water did he use?