



K.P.C. PUBLIC SCHOOL, KHARGHAR
ASSESSMENT 3 (2023-24)

GRADE: V
SUB : MATHS

MARKS : 50
TIME : 2 Hrs

Q.1] Fill in the blanks :

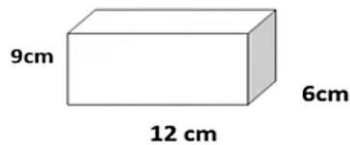
[10 Marks]

- 1) Two prime numbers which differ by 2 are called _____.
- 2) The Volume of a water tank is measured in _____.
- 3) Lakshadweep is to the _____ direction of Kerala.
- 4) If the volume of a cube is 216 cubic cm, its one side is _____.
- 5) The smallest state by area is _____.
- 6) First four multiples of 8 are _____, _____, _____, _____.
- 7) The volume of a cuboid with dimensions 24 cm x 12 cm x 8 cm is _____.
- 8) Madhya Pradesh is to the _____ direction of Karnataka.
- 9) In a statement, $6 \times 5 = 30$. 6 and 5 are the _____ of _____.
- 10) Solids with the same volume can have different _____.

Q.2] Solve the following : (Any 5)

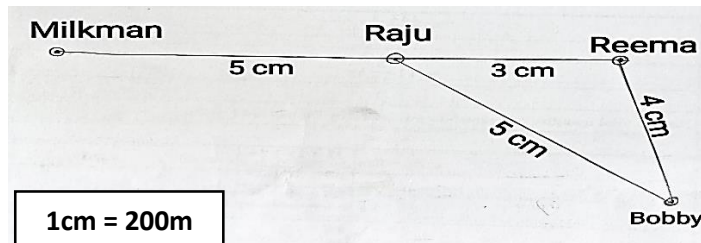
[10 Marks]

- 1) Find the volume of the following shape:



- 2) Write first two common multiples of 12 and 15

3) A milkman delivers milk everyday to the homes of 3 children – first to Raju’s, then Reema’s and at the last to Bobby’s. How much distance in meters does he travel everyday starting from his home to Bobby’s home?



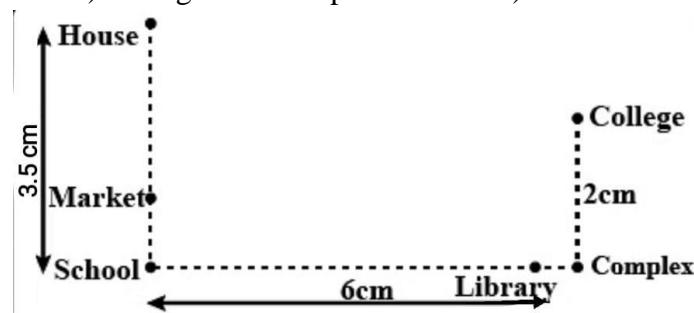
- 4) Add : 6 g 350 mg , 6340 mg and 7 g 250 mg
- 5) Find HCF of 48 and 60 by factorisation method.
- 6) Write the prime factorization of 180 using division method.

Q.3] Solve the following : (Any 6)

[18 Marks]

- 1) Look at the map given below and find the actual distances between [Scale : 1 cm = 10 km]

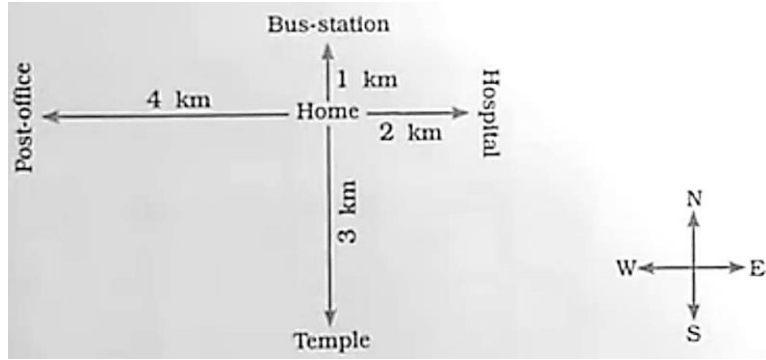
- a) School and Library
- b) College and Complex
- c) House and School



- 2) Find the LCM of 24, 36 and 40 by using short division method.

3) A log of wood has length, breadth and height of 20 m, 12 m and 6 m respectively. How many cuboids of measurement 2 m x 3 m x 2 m can be cut out from the log?

4) Look at the map given below and answer the questions:



- Hospital is towards which direction of post-office?
- Bus-station is towards which direction of home?
- What is the distance between post-office and hospital?
- What is the distance between bus-station and temple?
- Post-office is towards which direction of temple ?
- What is situated to the south of home ?

5) Find the volume of a cuboid having dimensions 7 cm x 5 cm x 8 cm and a cube with 8 cm edge. Which has the greater volume and by how much?

6) The HCF of two numbers is 40. If the product of the two numbers is 52800, find their LCM.

7) Find the largest number that divides 185 and 167 leaving remainder 5 in each case.

Q.4] Solve the following : (Any 3)

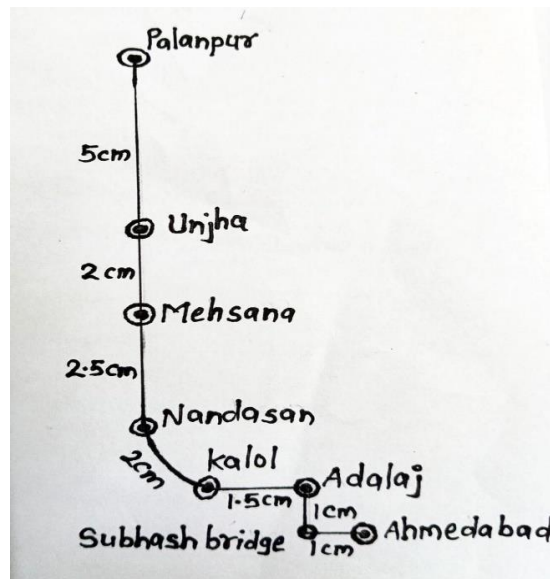
[12 Marks]

1) A wax piece 40 cm x 36 cm x 24 cm was melted into square pieces of side 4 cm each. How many pieces were made?

2) Find the greatest number of 4 digits which is exactly divisible by 55, 88 and 110

3) A carton box measures 40 cm x 20 cm x 10 cm. How many soaps measuring 8 cm x 4 cm x 2 cm can be arranged in this box ?

4) Answer the following questions from the map given below : [Scale : 1 cm = 5 km]



- What is the distance between Mehsana and Adalaj?
- What is the distance between Unjha and Ahmedabad ?
- State the distance from Palanpur to Kalol.
- Which distance is less ? Distance from Kalol to Mehsana or distance from Nandasan to Adalaj ?
