



## DAV NUPPL Public School

NUPPL Township, Ghatampur, Kanpur Nagar, UP-209206

Assignment: Half Yearly

Class: IV

Subject: Mathematics

Session: 2024-25

### Chapter 4: Division

#### Choose the correct option:

- If Divisor = 5, Remainder = 3, Quotient = 9 then Dividend = \_\_\_\_\_?  
(a) 17      (b) 48      (c) 45      (d) 32
- Product of the greatest 2-digit number and the smallest 3-digit number is \_\_\_\_\_.  
(a) 990      (b) 9000      (c) 99000      (d) 9900
- There are \_\_\_\_\_ dozens in 264.  
(a) 44      (b) 22      (c) 13      (d) 11
- $7542 \div 1000$ , Quotient = \_\_\_\_\_ and Remainder is 542.  
(a) 16      (b) 34      (c) 7      (d) 10
- $10 \times$  \_\_\_\_\_ = 8000  
(a) 600      (b) 800      (c) 300      (d) 400

#### Fill in the blanks:

- $10 \times$  \_\_\_\_\_ = 9000
- $7612 \times$  \_\_\_\_\_ =  $40 \times 7612$
- When we share equally we \_\_\_\_\_.
- The number to be divided is called the \_\_\_\_\_.
- After dividing a number, the left over is called \_\_\_\_\_.

#### Answer the following questions:

- Divide the following and write the Quotient and Remainder.  
(a) 118 by 6      (b) 2142 by 8      (c) 5123 by 45  
(d) 7654 by 56      (e) 8721 by 34      (f) 576 by 25
- The cost of five pens of the same type is Rs 75. Find the cost of one pen.
- A 75 m ribbon is cut in to 15 pieces of same length. What is the length of each piece?
- Divide and Check your answer: 9885 by 46
- Find the product of greatest 2-digit number and the smallest 3-digit number.
- 5984 soldiers were standing in 34 rows. Each row had equal number of soldiers. How many soldiers were standing in each row?

#### 7. Case Study Based:

A group of 230 girls and 270 boys from DAV NUPPL Public School visited to a water park in the summer vacation. All the students wants to ride a roller coaster, but at a time each car on the roller coaster can hold 5 students only.

Answer the following questions based on the above paragraph:

- What is the total number of students visited the water park?
- How many cars will the students need to ride the roller coaster?

- (c) If in one bus 50 students can accommodate, then how many buses are required to accommodate all the students?

### Chapter 5: Length

#### Choose the correct option:

- The value of  $3\text{ m } 3\text{ cm}$  in term of  $\text{cm}$  is \_\_\_\_\_.  
(a)  $33\text{ cm}$             (b)  $303\text{ cm}$             (c)  $330\text{ cm}$             (d)  $3300\text{ cm}$
- The Smallest Unit of Length is \_\_\_\_\_.  
(a) Millimetre        (b) Centimetre        (c) Meter                (d) Kilometre
- The Standard Unit of Length is \_\_\_\_\_.  
(a) Millimetre        (b) Centimetre        (c) Meter                (d) Kilometre
- The unit to measure the length of a railway track is \_\_\_\_\_.  
(a) Millimetre        (b) Centimetre        (c) Meter                (d) Kilometre

#### Short Answer Type Questions:

- Convert the following:  
(a)  $3008\text{ cm}$  into meters and  $\text{cm}$ .  
(b)  $15623\text{ m}$  into  $\text{km}$  and  $\text{m}$ .  
(c)  $3\text{ m } 40\text{ cm}$  into  $\text{cm}$ .  
(d)  $25\text{ km } 500\text{ m}$  into metres.  
(e)  $625\text{ cm}$  into meters.  
(f)  $3500\text{ m}$  into  $\text{km}$
- Add:  $3\text{ m } 52\text{ cm}$  and  $8\text{ m } 46\text{ cm}$
- Subtract:  $9\text{ km } 200\text{ m}$  and  $7\text{ km } 500\text{ m}$
- Subtract  $2\text{ m } 30\text{ cm}$  from  $5\text{ m } 10\text{ cm}$ .

#### Answer the following questions:

- Find the sum of  $25\text{ km } 145\text{ m}$ ,  $43\text{ km } 98\text{ m}$  and  $35\text{ km } 650\text{ m}$ .
- An ant climbed  $9\text{ m } 50\text{ cm}$  on a wall. Then it came down  $4\text{ m } 75\text{ cm}$  along the same wall. How far is the ant from the starting point?
- A tall tower is painted in red, white and black colour.  $25\text{ m } 50\text{ cm}$  is painted black,  $15\text{ m } 75\text{ cm}$  is painted red and  $10\text{ m } 25\text{ cm}$  is painted white. Find the height of the tower.
- Anil travelled  $15\text{ km } 550\text{ m}$  by train,  $12\text{ km } 400\text{ m}$  by bus and  $1\text{ km } 250\text{ m}$  by Scooter. How much distance did he travel in all?

#### 13. Case Study Based:

A new playground has a walking path and a cycling track. The walking path is 150 meters long, and the cycling track is 2 kilometers long.

Answer the following questions based on the above paragraph:

- Convert the length of the walking path into kilometers.
- Convert the cycling track length into meters.
- If a jogger runs the walking path twice and then cycles the track once, what is the total distance covered in meters?

- (d) Calculate the total length of both the walking path and cycling track in kilometers.  
(e) How much longer is the cycling track compared to the walking path in meters?

### Chapter 6: Weight

#### Choose the correct option:

- 5 centigram = \_\_\_\_\_ gram  
(a) 5            (b) 500            (c) 5000            (d) 50000
- Weight of a bag of cement is measured in \_\_\_\_\_.  
(a) Gram    (b) Kilogram            (c) Milligram    (d) Centigram
- The Smallest Unit of Weight is \_\_\_\_\_.  
(a) Kilogram    (b) Gram            (c) Milligram    (d) Centigram
- The Standard Unit of Weight is \_\_\_\_\_.  
(a) Milligram    (b) Kilogram            (d) Gram    (d) Centigram

#### Short Answer Type Questions:

- Convert the following into gram.  
(a)  $2\text{ Kg } 5\text{ g} = \text{_____ g}$   
(b)  $7\text{ Kg} = \text{_____ g}$   
(c)  $3\text{ Kg } 15\text{ g} = \text{_____ g}$   
(d)  $15\text{ Kg } 5\text{ g} = \text{_____ g}$
- Convert the following:  
(a)  $72565\text{ g}$  into  $\text{kg}$  and  $\text{g}$   
(b)  $9206\text{ g}$  into  $\text{kg}$  and  $\text{g}$
- Solve:  
(a) Add:  $37\text{ kg } 310\text{ g}$  and  $29\text{ kg } 894\text{ g}$   
(b) Subtract  $3\text{ kg } 950\text{ g}$  from  $8\text{ kg } 475\text{ g}$   
(c) Add:  $3\text{ kg } 520\text{ g}$ ,  $7\text{ kg } 95\text{ g}$  and  $11\text{ kg } 200\text{ g}$   
(d) Subtract  $31\text{ kg } 286\text{ g}$  from  $49\text{ kg}$

#### Answer the following questions:

- A basket contains  $65\text{ kg } 750\text{ g}$  of fruits out of which  $42\text{ kg } 150\text{ g}$  are apples,  $9\text{ kg } 750\text{ g}$  are pears and the rest are mangoes. Find the weight of mangoes.
- The weight of one watermelon is  $5\text{ kg } 350\text{ g}$  and that of another is  $4\text{ kg } 945\text{ g}$ . which watermelon is of more quantity and by how much?
- Two heaps of rice together weigh  $5\text{ kg } 250\text{ g}$ . One heap weighs  $3\text{ kg } 252\text{ g}$ . how much does the other heap weigh?

### Chapter 11: Perimeter

#### Fill in the blanks:

- The length of a boundary of a closed figure is called the \_\_\_\_\_ of the closed figure.
- The perimeter of a square having side  $4\text{ cm}$  is \_\_\_\_\_  $\text{cm}$ .
- Perimeter of a triangle having sides  $2\text{m}$ ,  $3\text{m}$  and  $5\text{m}$  is \_\_\_\_\_  $\text{m}$ .

4. Perimeter of a rectangle whose length is  $20\text{ cm}$  and breadth is  $12\text{ cm}$  is \_\_\_\_\_  $\text{cm}$ .
5. The \_\_\_\_\_ faces in a rectangle are equal.
6. A triangle has \_\_\_\_\_ sides.
7. \_\_\_\_\_ faces in a square are equal.
8. Perimeter of a square =  $4 \times$  \_\_\_\_\_.

Answer the following questions:

9. Find the perimeter of a rectangle whose dimensions are given below.
  - (a) Length =  $12\text{ m}$  and Breadth =  $7\text{ m}$
  - (b) Length =  $14\text{ m}$  and Breadth =  $9\text{ m}$
  - (c) Length =  $20\text{ m}$  and Breadth =  $15\text{ m}$
  - (d) Length =  $15\text{ m}$  and Breadth =  $8\text{ m}$
10. Find the perimeter of a Square whose sides are given below.
  - (a) Side =  $14\text{ cm}$
  - (b) Side =  $19\text{ m}$
  - (c) Side =  $9\text{ cm}$
  - (d) Side =  $25\text{ cm}$
11. Find the length of lace required for the border of a rectangular handkerchief which is  $30\text{ cm}$  long and  $20\text{ cm}$  wide.
12. Rahul is jogging around a rectangular garden whose length is  $10\text{ m}$  and breadth is  $5\text{ m}$ . Find the distance travelled by him in completing one round of that garden.
13. Sumesh has to fence a triangular field with wire. Find the length of wire required by him, if the sides of that field are  $8\text{ m}$ ,  $10\text{ m}$  and  $12\text{ m}$  respectively.

**14. Case Study Based:**

Sunny's Garden is rectangular in shape. The length of the garden is  $50\text{ meters}$ , and the width is  $30\text{ meters}$ . There is also a smaller rectangular flower bed inside the garden with a length of  $20\text{ meters}$  and a width of  $10\text{ meters}$ .

Answer the following questions based on the above paragraph:

- (a) Calculate the perimeter of Sunny's Garden.
- (b) Calculate the perimeter of the flower bed.
- (c) If Sunny wants to fence both the garden and the flower bed separately, what is the total length of fencing needed?
- (d) How much longer is the garden's perimeter compared to the flower bed's perimeter?
- (e) If Sunny extends the garden's length by  $10\text{ meters}$ , what will be the new perimeter of the garden?