
MATHEMATICS MOCK TEST

Class: IV | Set: 18

Time: 1 Hour 30 Minutes | Written Marks: 35 | Viva: 5 | Total: 40 Marks

NAME: _____

ROLL NO: _____

SECTION A

(1 Mark Each)

1. Write the first three multiples of 14.
2. What do you call a geometric figure that starts at a point and goes on forever in one direction?
3. Convert 9 kilograms into grams.
4. Complete the pattern: 5, 10, 20, 40, _____.
5. How many ₹10 notes make ₹500?

SECTION B

(2 Marks Each)

6. **LCM:** Find the LCM (Lowest Common Multiple) of 3 and 5.
7. If the diameter of a circle is 16 cm, find the length of its radius.
8. Find the perimeter of a rectangle with length 10 cm and breadth 4 cm.
9. **Subtraction:** Subtract 4 L 250 mL from 9 L 500 mL.
10. Express ₹15.75 in total paise.

SECTION C

(3 Marks Each)

11. **Factors and Multiples:** Write all the factors of 30. Also, find the first two common multiples of 4 and 6.
12. **Geometry:** Draw a circle of radius 3.5 cm. Mark and label its Center (O), a Radius (OP), and a Diameter (AB).
13. **Measurement Subtraction:** A sack of wheat weighed 25 kg 500 g. If a shopkeeper sold 12 kg 750 g of wheat, how much wheat is left in the sack?
14. **Bar Graphs:** The table shows the number of students who joined different clubs:

Club	Music	Dance	Art	Sports
No. of Students	12	15	8	20

Answer: (i) Which club is most popular? (ii) What is the total number of students in all clubs?

SECTION D

(4 Marks Each - Case Study)

Case Study 1: Fencing the Garden

Mr. Verma has a square-shaped garden with a side of 15 metres.

- (i) Find the area of the garden in square metres. (2 Marks)
- (ii) If he wants to put a fence around the garden, what is the total length of the wire required? (2 Marks)

Case Study 2: Secret Code Patterns

In a code language, the numbers are written as follows:

Pattern 1: 1, 4, 9, 16... (Square of 1, 2, 3, 4)

Pattern 2: 10, 21, 32, 43...

- (i) Find the next number in Pattern 1. (2 Marks)
- (ii) Find the next two numbers in Pattern 2. (2 Marks)

VIVA VOCE

(5 Marks)

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- **Factors:** What is the highest factor of any number?
 - **LCM:** If two numbers are 2 and 4, what is their LCM?
 - **Measurement:** How many grams make three-quarters ($\frac{3}{4}$) of a kilogram?
 - **Money:** How much change will you get from ₹50 if you buy a pen for ₹12.50?
 - **Geometry:** Can a circle have more than one center?