
MATHEMATICS MOCK TEST

Class: IV | Set: 16

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

NAME: _____

ROLL NO: _____

SECTION A

(1 Mark Each)

1. Find the **LCM** (Lowest Common Multiple) of 3 and 4.
2. Name the shape that has no corners and no sides.
3. How many millilitres are there in 6 Litres?
4. Complete the pattern: 100, 150, 200, 250, _____.
5. How many ₹10 notes are needed to make ₹200?

SECTION B

(2 Marks Each)

6. Write the first five multiples of 12.
7. Draw a line segment $PQ = 6$ cm using a ruler.
8. Find the perimeter of a rectangle whose length is 9 cm and breadth is 7 cm.
9. **Subtraction:** Subtract 4 kg 250 g from 9 kg 500 g.
10. Megha bought a book for ₹75.50 and a pen for ₹15.00. Find the total amount she spent.

SECTION C

(3 Marks Each)

11. **Factors and Multiples:** Find the **LCM** of 6 and 8. Also, find all the factors of 28.
12. **Geometry:** Draw a circle and mark its **Center (O)**, **Radius (OA)**, and a **Diameter (BC)**.
13. **Measurement:** A water tank contains 15 L 500 mL of water. If 6 L 750 mL of water is used for washing clothes, how much water is left in the tank?
14. **Bar Graphs:** Look at the table showing the number of students who like different sports:

Sport	Cricket	Football	Tennis	Hockey
Students	25	15	10	5

- (i) Which sport is liked by the minimum number of students? (ii) What is the total number of students in the survey?

SECTION D

(4 Marks Each - Case Study)

Case Study 1: The School Playground Area

A rectangular school playground is 20 metres long and 12 metres wide.

- (i) Find the area of the playground in square metres. (2 Marks)
- (ii) If a student runs 3 rounds along the boundary of this playground, what is the total distance covered? (2 Marks)

Case Study 2: The Secret Code Pattern

A group of students uses a number pattern to send secret messages:

$A = 2, B = 4, C = 6, D = 8 \dots$

- (i) What will be the number for the letter 'F'? (2 Marks)
- (ii) If the code for a name is "2 4 6", what is the name? (2 Marks)

VIVA VOCE

(5 Marks)

- **Factors:** Can a number have a factor larger than the number itself? Why?
- **LCM:** What does LCM stand for?
- **Measurement:** How many grams are there in three-quarters of a kilogram (750 g)?
- **Geometry:** What is the name of a triangle with all three sides equal?
- **Money:** If you buy a toy for ₹85 and give a ₹100 note, how much change should you get?