
MATHEMATICS MOCK TEST

Class: IV | Set: 03

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 two common multiples of 2 and 5.
2. A circle has a diameter of 10 cm. What is its radius?
3. Convert 3000 grams into kilograms.
4. Complete the pattern: $\triangle, \square, \bigcirc, \triangle, \square, ______$.
5. How many paise are there in ₹10.50?

SECTION B

(2 Marks Each)

6. Find the factors of 20 using the multiplication method.
7. Identify the following as an 'Open Figure' or a 'Closed Figure':
(a) A triangle: _____ (b) The letter 'C': _____
8. Find the perimeter of a triangle with sides 5 cm, 6 cm, and 7 cm.
9. Convert 7 m 85 cm into total centimetres.
10. Find the total amount: 2 notes of ₹100, 3 notes of ₹50, and 5 coins of ₹5.

SECTION C

(3 Marks Each)

11. **Factors and Multiples:** Write the first ten multiples of 4 and 6. Find their first common multiple (LCM).
12. **Geometry:** Draw a line segment $AB = 7$ cm. From point A , draw a ray AX and from point B , draw another ray BY .
13. **Measurement:** A bucket can hold 20 L of water. If a jug of 2 L 500 mL is used to take out water 3 times, how much water is left in the bucket?
14. **Bar Graphs:** The table shows the number of students who like different colors:

Color	Red	Blue	Green	Yellow
Students	12	15	8	10

Represent this data by drawing a simple bar graph on your answer sheet.

SECTION D

(4 Marks Each - Case Study)

Case Study 1: Tiling the Kitchen Floor

Mrs. Roy wants to put square tiles on her kitchen floor which is 4 m long and 3 m wide.

- (i) Find the total area of the kitchen floor in square meters. (2 Marks)
- (ii) If the cost of tiling is ₹50 per square meter, find the total cost of tiling the floor. (2 Marks)

Case Study 2: The Saving Pattern

Sonia decides to save money every week. In the 1st week she saves ₹5, 2nd week ₹10, 3rd week ₹15, and so on.

- (i) How much money will she save in the 8th week? (2 Marks)
- (ii) What will be her total savings at the end of the 4th week? (2 Marks)

VIVA VOCE

(5 Marks)

- **Measurement:** How many millilitres are there in half a litre?
- **Geometry:** What is the difference between a Line and a Line Segment?
- **Multiples:** Is 100 a multiple of 10? Why?
- **Money:** If a pen costs ₹12, how much will 5 pens cost?
- **Area:** What is the unit used to measure the area of a small paper? (Sq cm or Sq m?)