

FORMATIVE ASSESSMENT - FIRST MID TERM

MATHEMATICS

Max Marks: 50

Std - VI

Time: 2 Hrs

Name of the School:	Name of the Student:
Place:	Roll No.:

I. Choose the correct answer:

5 × 1 = 5

1.

_____ numbers have more than 2 factors.

(a) Prime (b) Natural (c) Composite
2.

The Roman numeral for 90 is _____

(a) CX (b) XCX (c) XC
3.

For a number A that is greater than 11, what is the value of LCM (A, A+1)?

(a) $A \div (A + 1)$ (b) $A + A + 1$ (c) $A \times (A + 1)$
4.

The number that comes just before 99,00,000 is _____

(a) 9899999 (b) 9989999 (c) 9999989
5.

For any 2 whole numbers a and b , $a + b = b + a$. This property is called _____

(a) Associative (b) Commutative (c) Closure

II. Fill in the blanks:

5 × 1 = 5

1.

Write the numeral form of two billion three hundred forty million _____
2.

The smallest 8 digit number is _____
3.

The predecessor of 1 is _____
4.

10 thousand = _____ hundreds
5.

The sum of the greatest and the smallest two-digit number is _____

III. Do as directed: (Any 10)

10 × 2 = 20

1.

Write the following in standard form:
(a) $6,00,00,000 + 90,00,000 + 30,000 + 800 + 90 + 7$
(b) $80,00,00,000 + 9,00,00,000 + 30,00,000 + 7,00,000 + 60,000 + 8000 + 900 + 0 + 5$
2.

Rewrite the following with commas using both Indian and International number system 50302281
3.

Here is a number: 987,654,321.
Increase the digit in the ten-thousands place by 3 and decrease the digit in the ten-millions place by 4. Write the new number.
4.

List down all the factors of 48 in increasing order.
5.

How many 10 crores are there in 1 billion?
6.

A company makes 1,62,134 blue pens and 97,525 black pens in a year. Find the total number of pens made by the company in a year. Write your answer with commas as per the Indian system.

7. Solve: $920 - \{180 \div [74 - (75 - 32 \div 16 \times 2)]\}$
8. Use five 3's to write an expression whose value is 0 or 1.
9. Round off the numbers to nearest ten and find the product : 25×67
10. Subtract the predecessor of the largest 5-digit number from the successor of the smallest 8-digit number.
11. Write all primes between 20 and 30

IV. Answer the following: (Any 4)

$4 \times 5 = 20$

1. The diameter of Saturn is 74,89874,898 miles and that of Venus is 7,5217,521 miles. By how much is the diameter of Saturn greater than the diameter of Venus?
2. Keerthi bought a sofa-set for ₹ 41,799 a dining table ₹ 21,422, and a book-shelf for ₹16,648. How much money did she pay in all?
3. On Monday, the number of spectators for a cricket match was 49,532 and on Tuesday there were 52,618. On which day were there more spectators and by how much?
4. Write the following problems using mathematical operations and solve them.
 - a) Sandra bought 4 bags of chips at ₹ 15 each. She used a ₹ 40.00 coupon to pay part of the cost. How much did Sandra pay for the chips?
 - b) The decorating committee needs 3 balloons each for of 15 tables. They also need 20 balloons for each of the 4 walls of the room. How many balloons does the committee need?
5. Tom had 5 million in his bank account. He deposited 6 lakhs more into this account. What is his bank balance now in the Indian system?