FORMATIVE ASSESSMENT – SECOND MID TERM

MATHEMATICS

Max. Marks: 50

Std - V

Time: 2 Hrs

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

I. Choose the best answer: 5 x 1 = 5

1) The supplement angle of 123° is _____
   a) 44° b) 57° c) 54°

2) The only even prime number is _____
   a) 4 b) 2 c) 0

3) Which of the following is not a perfect square number? _____
   a) 64 b) 80 c) 121

4) Which of following has two ends points? _____.
   a) Line b) Line segment c) Ray

5) An angle which is equal to 360° _____.
   a) obtuse b) full angle c) reflex

II. Match the following: 5 x 1 = 5

1) 30^2 - 1 and 13

2) Composite numbers - Right angle

3) 90° - Straight angle

4) 180° - 900

5) Factors of 13 - More than two factors

III. Do as directed: 5 x 3 = 15

1) Determine the complement angle for the following:
   a) 55° b) 60°

2) Write the square for the following numbers.
   a) 8 = _____ b) 16 = _____ c) 13 = _____

3) Find the factors of 68 using factor tree method.

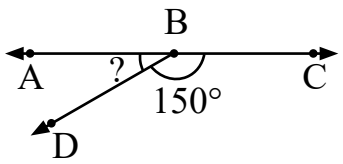
4) Write 3 multiples of 9.

5) How many prime numbers are there between 50 and 65? List them.

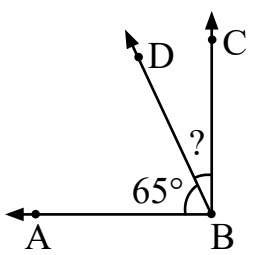
IV. Do as directed: (any 4) **4 x 5 = 20**

1) Write the missing angles in the diagram.

a) ∠ABC is a straight angle.



b) ∠ABC is a right angle.



2) Find the L.C.M of the given numbers:

a) 4 and 24 b) 6 and 8

3) Rick has Math lessons every third day and French lessons every seventh day. If he has a Math lesson and a French lesson today, then what is the minimum number of days after which he will have both the lessons at the same day?

4) Find the largest possible product of two prime numbers given that their sum is 20.

5) Write the multiples of 6 which are greater than 20 and less than 50.

V. Knowing Prime: **2**

Circle the prime numbers and cross out the composite numbers.

11	42	16	25	43	6	32	21	38	2

VI. Answer the following: **1 x 3 = 3**

1) Which is the smallest two-digit prime number? _____

2) Can a non-zero multiple of a prime number (other than the number itself) be a prime number? _____

3) What is the maximum number of factors a prime number can have? _____