

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 angle between 0° and 90° is called an _____ angle.
a) Obtuse b) Acute c) Right d) Full
2. An angle of 360° is called a _____ angle.
a) Complete b) Full c) Reflex d) Straight
3. Two angles are _____ if their sum adds up to 180°
a) Complementary b) Supplementary c) Straight d) Reflex
4. 4^2 is equal to _____.
a) 8 b) 24 c) 16 d) 18
5. _____ numbers will have only 2 factors.
a) Composite b) Prime c) Odd d) Even

II. Match the following:**5 x 1 = 5**

| | | |
|---------------------------------------------|---|-----|
| 6. $11 \times 9 \times 1$ | – | 24 |
| 7. L.C.M of 12 and 8 | – | 8 |
| 8. $6 \times \underline{\hspace{1cm}} = 48$ | – | 2 |
| 9. The only even prime number is | – | 121 |
| 10. 11×11 | – | 99 |

III. Do as directed:**5 x 3 = 15**

11. Determine the complementary angles for the following.
a) 45° b) 75° c) 22°
12. Write the first five multiples of the following.
a) 7 b) 12 c) 8
13. Write the multiples of 6 which are greater than 15 and less than 70.
14. Find the L.C.M of the given numbers.
a) 60, 90 b) 36, 48
15. Find the common multiples of 2, 3 and 4.

IV. Do as directed (any 4)

$$4 \times 5 = 20$$

V. Number grid:

5

21. Color the prime numbers in pink and composite numbers in green in the grid given below.
(Choose any ten prime number and any 10 composite number)

| | | | | | | | | | | | |
|----|----|-----|-----|-----|-----|-----|-----|----|----|----|----|
| 42 | 3 | 41 | 40 | 15 | 39 | 38 | 37 | 14 | 36 | 61 | 1 |
| 30 | 43 | 10 | 200 | 24 | 414 | 110 | 100 | 8 | 34 | 60 | 20 |
| 18 | 44 | 201 | 17 | 150 | 120 | 2 | 140 | 99 | 16 | 58 | 59 |
| 45 | 31 | 5 | 180 | 19 | 23 | 77 | 33 | 11 | 21 | 56 | 57 |
| 46 | 47 | 48 | 32 | 49 | 50 | 51 | 22 | 52 | 53 | 54 | 55 |