

Name: _____ Grade : VI Branch: _____ Date:25/04/2020 Sub: Math

Classify the following as true or false.

1. All even numbers are composite numbers. _____
2. All odd numbers are prime numbers _____
3. Two consecutive numbers cannot be prime numbers _____.
4. Every natural numbers is either prime or composite _____.
5. 1,2,3,4,6,12 are the factors of 12. _____

II. Solve.

1. Which of the following numbers are prime ?
a) 89 b).91 _____
2. List 7 consecutive composite numbers less than 100. _____.
3. Write all prime numbers of two digits in which the digits are also prime _____.

III. Choose the correct option.

- a. The smallest prime number is _____ ()
i)1 ii)2 iii)3 iv)7
- b. Which of the following pairs is not co-prime ()
i)4,9 ii)5,7 iii)9,6 iv)9,21
- c. which of the following numbers is a prime number ? ()
i)16 ii)10 iii)8 iv)7
- d. Numbers having more than two factors are called: ()
i)Odd numbers ii)even numbers iii) Prime numbers iv) composite numbers
- e. The LCM of two consecutive numbers is their ()
i) sum ii) difference iii) product iv) quotient

IV. Brain teaser

1. Find the mystery number.
a) I am a two digit multiple of 80. _____
b) I am an odd prime number and a factor of 51. _____.