

VI CLASS

HIGHEST COMMON FACTOR AND LOWEST COMMON MULTIPLE

1. _____ is a factor of every number []
a) 1 b) 0 c) 2 d) 5
2. Every number is a _____ of itself []
a) factor b) multiple c) a & b d) none
3. _____ has no factor other than itself. []
a) 0 b) 1 c) 2 d) 5
4. _____ is the least prime number. []
a) 1 b) 3 c) 2 d) 7
5. _____ is neither prime nor composite. []
a) 1 b) 2 c) 3 d) none
6. Other than 1, remaining all the numbers has at least _____ factors. []
a) 1 b) 2 c) 3 d) none
7. Another name of product is _____ []
a) multiple b) factor c) a & b d) none
8. Numbers with '2' as a factor are called _____ numbers []
a) Even b) Odd c) Prime d) co-primes
9. Numbers without '2' as a factor are called _____ numbers []
a) Even b) Odd c) Prime d) Composite
10. $4 \times 5 = 20$; 20 is called _____ []
a) multiple b) product c) a & b d) factor
11. $4 \times 5 = 20$, here 4 & 5 are _____ []
a) factors b) product c) multiple d) none
12. Which is the prime number from the following? []
a) 5 b) 9 c) 15 d) 6
13. The sum of 2 even numbers is always an _____ number []
a) Even b) Odd c) a & b d) none
14. The difference or product of 2 even numbers is always _____ number. []
a) odd b) even c) prime d) none
15. All the even numbers are composite numbers except _____ []
a) 4 b) 7 c) 2 d) 9
16. Which is not a prime number from the following []
a) 7 b) 5 c) 11 d) 9

17. The numbers which are not prime number are called _____ []
 a) prime numbers b) composite numbers
 c) even numbers d) odd numbers
18. The sum or difference of 2 odd numbers is always _____ number. []
 a) even b) odd c) composite d) prime
19. The product of even and odd numbers is _____ number []
 a) an even b) an odd c) composite d) a prime
20. Choose the example of a composite number from the following. []
 a) 5 b) 12 c) 11 d) 13
21. Which is the multiple of 5 out of the following []
 a) 25 b) 23 c) 19 d) 24
22. If a number has no factors except 2 (1 & the number itself) then that number is called _____ []
 a) prime number b) composite number c) even number d) none
23. What is the common factor of even numbers? _____ []
 a) 12 b) 4 c) 0 d) 2
24. What is the G.C.D of 12 & 60 _____ []
 a) 12 b) 6 c) 4 d) 2
25. What is the G.C.D. of 5 and 7 _____ []
 a) 5 b) 7 c) 35 d) 1
26. What is the G.C.D. of 24 and 60? []
 a) 12 b) 2 c) 4 d) 6
27. If a number is a factor of another number, the smaller number is the ____ []
 of the given numbers.
 a) H.C.F b) L.C.D c) a & b d) L.C.M
28. If one of the two given numbers is a multiple of the other, the greater number is the _____ of the given numbers. []
 a) G.C.D b) H.C.F c) L.C.M d) none
29. The number which divides a given number leaving no remainder is called its _____ []
 a) multiple b) product c) factor d) none
30. The product of 2 odd numbers is _____ []
 a) an odd number b) an even number c) a & b d) none
31. If a number has '0' or '5' in one's place, the number is divisible by ____ []
 a) 10 b) 7 c) 5 d) 2

32. If a number has '0' in one's place the number is divisible by _____ []
 a) 3 b) 10 c) 7 d) 9
33. Which of the following numbers is divisible by 2? []
 a) 1003 b) 4321 c) 1234 d) 7357
34. Which of the following numbers is divisible by 3? []
 a) 3456 b) 4321 c) 8921 d) 4025
35. Which of the following numbers is divisible by 5? []
 a) 3423 b) 4327 c) 8925 d) 3089
36. Which of the following numbers is divisible by 11? []
 a) 523281 b) 589765 c) a & b d) 3057
37. If two numbers have no common factor other than 1 then the numbers are []
 called _____ numbers.
 a) prime b) composite c) factor d) co-prime
38. Which of the following pairs are co-primes? []
 a) (11, 111) b) (22, 222) c) (14, 36) d) (5, 15)
39. If two numbers are co-primes then their product is their _____ []
 a) H.C.F b) G.C.D c) L.C.M d) none
40. Which of the following is divisible by 4? []
 a) 2784 b) 3006 c) 2007 d) 1522
41. Which of the following is divisible by 6? []
 a) 2007 b) 1525 c) 3456 d) 3004
42. Which of the following is divisible by 8? []
 a) 78280 b) 78205 c) 24782 d) 48278
43. Which of the following is not divisible by 9? []
 a) 3456 b) 8921 c) 4023 d) 5823
44. Which is the odd prime number from the following? []
 a) 2 b) 9 c) 15 d) 7
45. What is the least odd prime number? []
 a) 5 b) 7 c) 3 d) 9
46. The prime number which comes just after 43 is _____ []
 a) 49 b) 45 c) 47 d) none

47. Difference between a prime (19) and a composite (25) number is ____ []
a) 6 b) 8 c) 9 d) 3
48. No of prime numbers between 50 and 60 is _____ []
a) 1 b) 2 c) 3 d) 4
49. The sum of the first 5 multiples of 6 is _____ []
a) 90 b) 60 c) 30 d) 4
50. Successor of every even number is _____ []
a) even b) prime c) odd d) none
51. Prime factorization of 48 is _____
52. HCF of 28 & 84 is _____
53. LCM of 325, 450 is _____
54. LCM of 120, 210 & 225 is _____
55. LCM of 8, 10 & 4 is _____