

SA_I WORKSHEET Class VI (Mathematics)

Chapter 3. Playing With Numbers

I. Fill in the blanks:-

1. _____ is a factor of every number.
2. Every number is a factor of _____.
3. Every factor is _____ than or equal to the given no.
4. Every multiple is _____ than or equal to the given no.
5. _____ is the smallest factor of a no.
6. _____ is the greatest factor of a no.
7. _____ is the smallest multiple of a no.
8. A no. for which sum of all its factors is equal to twice the no. is called a _____.
9. The smallest perfect no. is _____.
10. Numbers having only two factors are called _____.
11. Numbers having more than two factors are called _____.
12. Smallest prime no. is _____.
13. Smallest composite no. is _____.
14. Smallest two digit prime no. is _____.
15. Greatest two digit prime no. is _____.
16. Greatest one digit prime no. is _____.
17. Smallest two digit composite no. is _____.
18. Greatest two digit composite no. is _____.
19. Greatest one digit composite no. is _____.

20. _____ is neither prime nor composite.

21. The smallest even prime no. is _____.

22. The sum of any two odd nos. _____.

23. The sum of any two even nos. _____.

24. The greatest prime no. between 30 and 40 is _____.

II. ~~20.~~ Answer the following:-

1. Find all the multiples of 13 upto 100.

2. Write 3 pairs of prime nos. whose difference is 2.

3. Write all the composite nos. between 50 and 70.

4. The product of three consecutive nos. is always divisible by _____.

5. Express 51 as the sum of three odd primes.

6. Write all the twin primes below 40.

7. Determine if 25110 is divisible by 45.

8. Determine if 1375 is divisible by 55.

9. Determine the smallest 3-digit no. which is exactly divisible by 4, 12, 36.

10. Find all the factors of 86.

11. Find the least no. which when divided by 8, 10 and 12 leave remainder 7 in each case.

12. Write the smallest 4-digit no. and express it in the form of its prime factors.

13. Find the missing digit so that the no. is divisible by 3. (572_6) (smallest and greatest digits)

14. Using divisibility tests, determine 406839 is divisible by 11.

15. Using divisibility test, determine 639240 is divisible by 8.

16. Using divisibility test, determine 297144 is divisible by 6.