Factors & Multiples

1. Hello! My friends. 'I' m a factor of every number & every number is a multiple of me'. Can you find who am I ? _____

2. When two numbers are multiplied, we get a product. Each number is a _____ of the product.

3. In 3 x 8 = 24, 3 and 8 are _____ and 24 is called _____

4. In 7 x 9 = 63, _____ and _____ are the factors.

5. If a number divides another number exactly (without any remainder) then the first number is called _____ of the second number.

6. List all the factors of 36 _____

7. Which of the following numbers are factors of 12 out of the following ?
    1, 5, 3, 6, 4, 9, 18, 16   _____

8. Write the 2-digit number that has 2, 3 and 5 as factors _____

9. Write the first 5 multiples of 13 _____

10. A number is an even number if it is a multiple of _____

11. If a number is a multiple of 2, then it is called an _____ number.

12. If a number is not a multiple of 2, then it is called an _____ number

13. Which of the following numbers are even?
    7, 14, 18, 49, 81, 28, 65.   _____

14. Which of the following numbers are odd ?
    63, 72, 18, 47, 100, 23, 171.   _____

15. Write all the even numbers which are greater than 25 but less than 32.

16. Find the sum of the first 5 odd numbers _____

17. Find the difference of the greatest and the smallest 1-digit even numbers _____

18. There is no end to the _____ of a number.

19. Multiples of 5 always end in _____ or _____.

20. _____ is the only even prime number

21. The smallest non-zero multiple of a number is the_____

22. The smallest odd number is _____

23. The smallest even number is _____

24. The product of all even numbers between 3 and 7 is _____

25. Sum of the odd numbers between 5 and 12 is _____

26. The odd number after 73997 is _____

27. The greatest factor of a number is the _____

28. The even number after 17599 is

29. _____ is the factor of every number.

    a) 0   b) 1   c) 10   d) none   [   ]

30. 11 is a factor of _____

    a) 23   b) 20   c) 88   d) 152   [   ]

31. The number 24 has

    a) 2 factors   b) 4 factors   c) 6 factors   d) 8 factors   [   ]

32. Write the least 2-digit number that has 2, 5 and 8 as factors _____

    a) 80   b) 27   c) 16   d) 40   [   ]

33. Observe the given multiples of 37.

    37 x 3 = 111

    37 x 6 = 222

    37 x 9 = 333

    37 x 12 = 444

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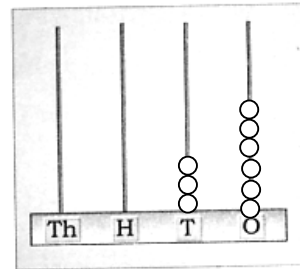
    Find the product of 37 x 27

    a) 999   b) either a or c   [   ]

    c) greatest 3-digit number   d) smallest 3-digit number

34. The factor of the number shown on the abacus is _____   [   ]

    a) 8   b) 7   c) 5   d) 9

35. Ramana wrote one digit of a 2-digit number on the black board as shown below.

    | 2 | ? |

    Find the missing digit if it has 3 and 6 as the factors _____ [   ]

    a) 8   b) 1   c) 4   d) 7