

- Write all the factors of the following numbers:
(a) 24 (b) 15 (c) 21 (d) 27
- Write first five multiples of:
(a) 5 (b) 8
- Find all the multiples of 9 up to 100.
- State whether the following statements are True or False:
(a) The sum of three odd numbers is even.
(b) The sum of two odd numbers and one even number is even.
(c) The product of three odd numbers is odd.
(d) If an even number is divided by 2, the quotient is always odd.
- Which of the following numbers are prime?
(a) 23 (b) 51 (c) 37 (d) 57
- Write seven consecutive composite numbers less than 100 so that there is no prime number between them.
- Fill in the blanks:
(a) A number which has only two factors is called a _____.
(b) A number which has more than two factors is called a _____.
(c) 1 is neither _____ nor _____.
- Using divisibility tests, determine which of the following numbers are divisible by 4; by 8:
(a) 572 (b) 726352 (c) 5500 (d) 8756
- Using divisibility tests, determine which of the following numbers are divisible by 6:
(a) 297144 (b) 1258 (c) 4335 (d) 61233
- Using divisibility tests, determine which of the following numbers are divisible by 11:
(a) 5445 (b) 10824 (c) 61280 (d) 7138965
- Write the smallest digit and the greatest digit in the blank space of each of the following numbers so that the number formed is divisible by 3:
(a) _ 6724 (b) 4765 _ 2

12. Find the common factors of:

(a) 20 and 28 (b) 15 and 25

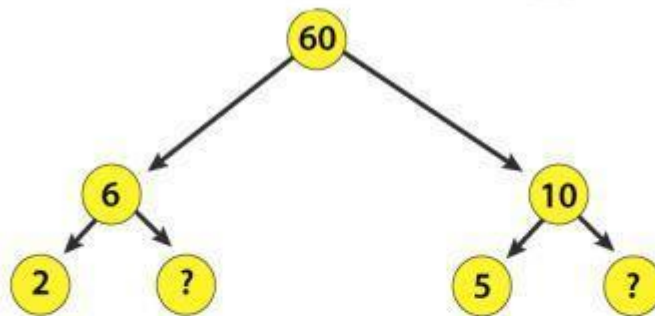
13. Which of the following numbers are co-prime?

(a) 18 and 35 (b) 15 and 37 (c) 30 and 415

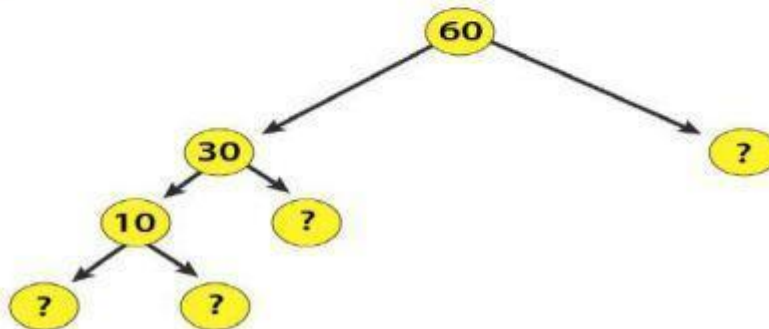
14. A number is divisible by 12. By what other numbers will that number be divisible?

15. Here are two different factor trees for 60. Write the missing numbers.

(a)



(b)



16. Determine if 25110 is divisible by 45.

[Hint: 5 and 9 are co-prime numbers. Test the divisibility of the number by 5 and 9]