

Factors and Multiples : CPP-1

1. Express each of the following as a sum of two or more primes:

(i) 13 (ii) 130 (iii) 180

2. Express each of the following numbers as the sum of two odd primes:

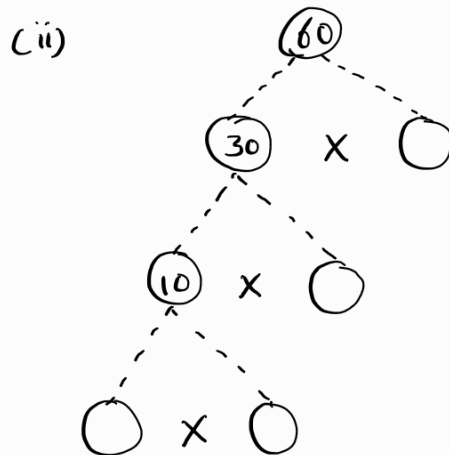
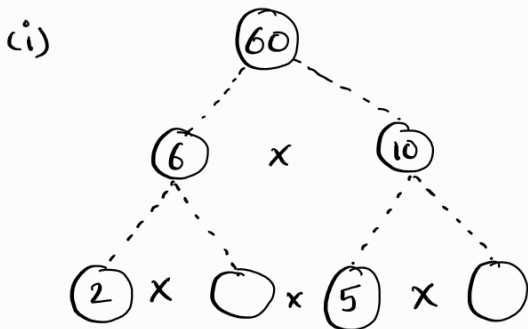
(i) 36 (ii) 42 (iii) 84

3. Express each of the following numbers as the sum of twin primes:

(i) 36 (ii) 84 (iii) 120.

4. For a number, greater than 10, to be prime what may be the possible digit in the units place?

5. Write the missing numbers in the below factor trees:



6. Determine the prime factors of largest 4-digit number.

7. Determine the HCF of the following numbers:

(i) 300, 450 (ii) 399, 437 (iii) 1045, 1520

8. Find the greatest number which divides 285 and 1249 leaving remainders 9 and 7 respectively.

9. Find the largest number which divides 615 and 963 leaving remainder 6 in each case.
10. What is the largest number that divides 626, 3127 and 15628 and leaves remainders of 1, 2 and 3 respectively?
