PRIME NUMBERS AND PRIME FACTORS

Prime numbers are those numbers can only be divided by 1 and themselves. For example, 2 can also be divided by 1 and itself, even 31. Prime numbers from 1 to 50 are: 2, 3, 5, 7, 11, 13, 17, 19, 23, 29, 31, 37, 41, 43, and 47.

Prime Factors

Prime factors are those prime numbers that can divide another number successully, without remainder, i.e. they are prime number factors of that number. For example: $6 = 2 \times 3$. 6 has the prime factors, 2 and 3.

Application of Prime Factors

We can apply prime factors in the following mathematical concept:

- Lowest common multiples
- Lowest fraction term or simplest fraction form
- Quick division of numbers