



CLICK & JOIN



MATHS Facts & Formulae – NUMBER SYSTEM

- 0 is neither a negative number nor a positive number.
- 0 is neither a prime number nor a composite number.
- -1 is the largest negative integer.
- 1 is the only natural number that is neither a prime number nor a composite number.
- 1 is the smallest natural number.
- 2 is the only even prime number.
- The difference between the square of two consecutive odd numbers is always a multiple of 8.
- The difference between the squares of two consecutive numbers is always equal to the sum of both numbers.
- The product of 'n' consecutive numbers is divisible by $1 \times 2 \times 3 \times \dots \times n$.
- The product of five consecutive numbers is divisible by 120.
- The product of four consecutive numbers is divisible by 24
- The product of three consecutive numbers is divisible by 6.
- The product of two consecutive numbers is divisible by 2.
- The sum of the first n odd numbers is the square of n
- The unit's digit of any perfect square number must be 0,1,4, 5, 6, or 9.
- The unit's digit of the square of a number whose unit's digit is 0 will be 0.
- The unit's digit of the square of a number whose unit's digit is 1 or 9 will be 1.
- The unit's digit of the square of a number whose unit's digit is 2 or 8 will be 4.
- The unit's digit of the square of a number whose unit's digit is 3 or 7 will be 9.
- The unit's digit of the square of a number whose unit's digit is 4 or 6 will be 6

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