QT Types of number notes

How are numbers represented?

Decimal The standard Hindu–Arabic numeral system using base ten.

Binary The base-two numeral system used by computers. See positional notation for information on other bases.

Roman numerals The numeral system of ancient Rome, still occasionally used today.

Fractions A representation of a non-integer as a ratio of two integers. These include improper fractions as well as mixed numbers.

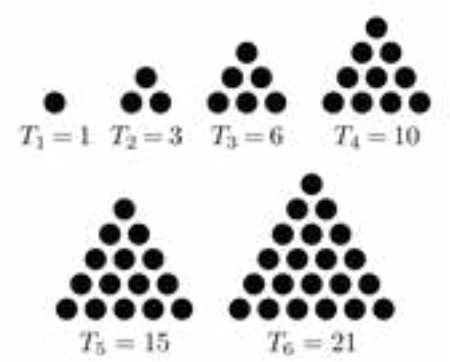
Scientific notation A method for writing very small and very large numbers using powers of 10. When used in science, such a number also conveys theprecision of measurement using significant figures.

There are different types of numbers

Even
Odd
Prime numbers
Square numbers
1x1=1
2x2=4
3x3=9
4x4=16
5x5=25
6x6=36

(Normal distribution graphs - calculating the ‘tails’ uses square root / square number calculations)

Triangular numbers



(pascals triangle - used to calculate ‘binomial co-efficients)