Set

* The set of Natural numbers.
* The set of Integer numbers
* The set of Real numbers.
* The set of Rational numbers.
* The set of Irrational numbers.

Numbers’ Properties

* **Prime Numbers**

 is a [natural number](https://en.wikipedia.org/wiki/Natural_number) greater than 1 that has no positive [divisors](https://en.wikipedia.org/wiki/Divisor) other than 1 and itself.

* **Perfect Squares**

A perfect square is a number that can be expressed as the*product of two equal integers*.

Examples :

* 9 is a perfect square because it can be expressed as 3 \* 3
* 16 is a perfect square because it can be expressed as 4 \* 4
* 25 is a perfect square because it can be expressed as 5 \* 5
* 8 is a **not** perfect square because you cannot express it as the product of two equal integers
* 5 is a **not** perfect square because it cannot be expressed as the product of two equal integers
* 7 is a **not** perfect square because you cannot express it as the product of two equal integers
* **Odd Numbers**

General form 2k+1

* **Even Numbers**

General form 2k