

Distinguish, differentiate, compare and explain what is the difference between Rational and Irrational Numbers. Comparison and Differences.

Differences between Rational Numbers and Irrational Numbers

S.No.	Rational Numbers	Irrational Numbers
1	Rational numbers are numbers that can be expressed in a ratio of two integers.	Irrational numbers cannot be written as a ratio of two integers.
2	Rational numbers can be converted into fractions.	Irrational numbers can not be converted into fractions.
3	Perfect squares are rational numbers.	Surds are irrational numbers.
4	Repeating decimal.	Non-repeating decimals.
5	Expressed in a fraction where denominator is not equal to zero.	Irrational numbers can not be expressed in fractions.
6	Finite or recurring decimals.	Infinite or recurring decimals.