



Rational Numbers

Any number that can be written as a fraction

Example

Description

4, 2, 1

Whole numbers (+ and -)

$4^2, 2^3, 4^{-2}, 2^{-3}$

Exponents (+ and -)

$\overline{.3}$

Repeating Decimals

3.14

Terminating Decimals

$\frac{4}{3}, 2\frac{1}{3}, \frac{-6}{4}$

Fractions (+ AND -)

4.2×10^3

Scientific Notation

$\sqrt{4}, \sqrt{121}, \sqrt[3]{27}$

Perfect $\sqrt{\quad}$ and $\sqrt[3]{\quad}$

Irrational Numbers

Any number that CANNOT be written as a fraction

What are some examples?

Non-terminating, non-repeating
decimals

$\pi / -\pi$
 $\sqrt{3} / \sqrt[3]{5}$
4.236 ...

