Perfect Squares

Percent

Ratio

Equivalent Relationships

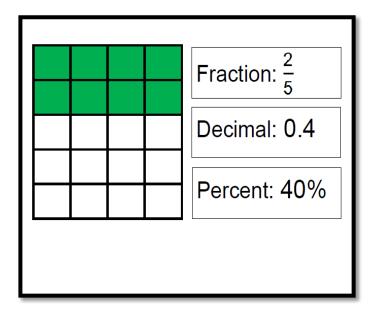
Absolute Value

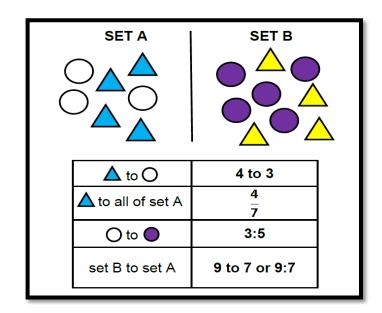
Exponential Form

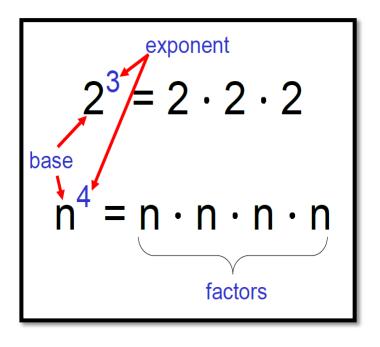
Per hundred

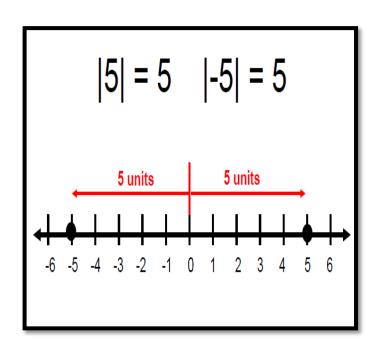
$$56\% = \frac{56}{100} = \frac{14}{25} = 0.56$$

$$0^{2} = 0 \cdot 0 = 0$$
 $1^{2} = 1 \cdot 1 = 1$
 $2^{2} = 2 \cdot 2 = 4$
 $3^{2} = 3 \cdot 3 = 9$
 $4^{2} = 4 \cdot 4 = 16$
 $5^{2} = 5 \cdot 5 = 25$
 $\sqrt{16} = \sqrt{4 \cdot 4} = 4$









Irrational Numbers

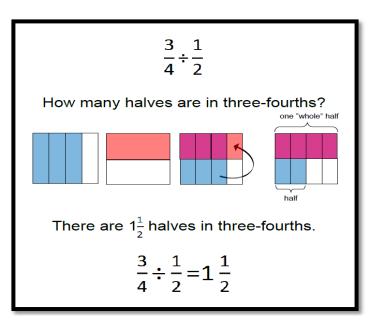
Fraction Division

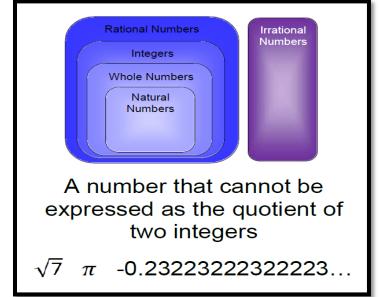
Real Numbers

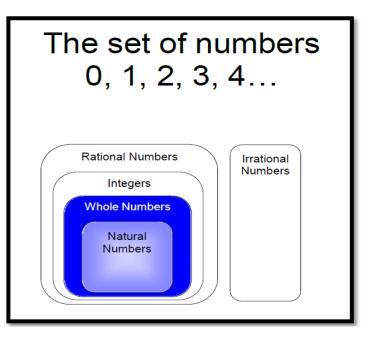
Whole Numbers

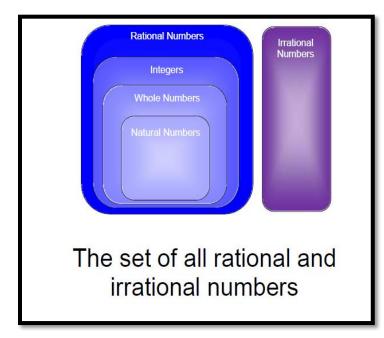
Fraction Multiplication

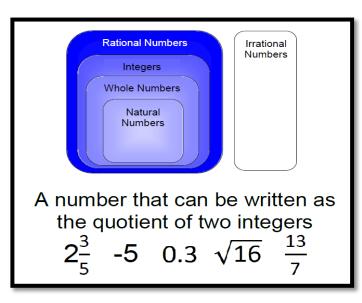
Rational Numbers

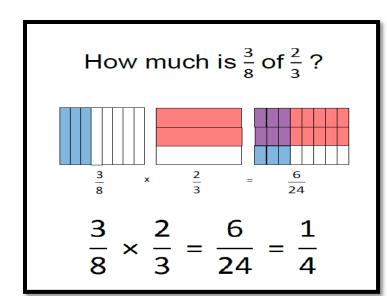












Natural Numbers

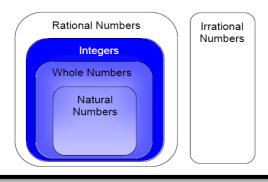
Integers

Comparing Integers

Powers of Ten

Scientific Notation

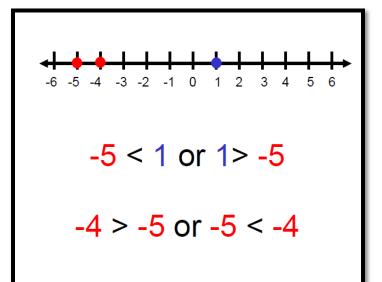
The set of numbers ...-3, -2, -1, 0, 1, 2, 3...



The set of numbers 1, 2, 3, 4... Rational Numbers Integers Whole Numbers

Numbers

	Meaning	Value
10 ⁴	10 · 10 · 10 · 10	10,000
10 ³	10 · 10 · 10	1000
10 ²	10 · 10	100
10 ¹	10	10
10 ⁰	1	1
10 ⁻¹	1 10	0.1
10 ⁻²	$\frac{1}{10} \cdot \frac{1}{10}$	$\frac{1}{100} = 0.01$
10 ⁻³	$\frac{1}{10} \cdot \frac{1}{10} \cdot \frac{1}{10}$	$\frac{1}{1000} = 0.001$
10 ⁻⁴	$\frac{1}{10} \cdot \frac{1}{10} \cdot \frac{1}{10} \cdot \frac{1}{10}$	$\frac{1}{10,000} = 0.0001$



a x 10ⁿ

a = number greater than orequal to 1 and less than 10n = integer

 $17,500,000 = 1.75 \times 10^7$

 $0.0000026 = 2.6 \times 10^{-6}$