



Glossary Term	Definition
radical sign	The symbol $\sqrt{\quad}$, used to indicate a root.
radicand	The expression under the radical sign.
radius	The distance from the center of a circle to any point on the circle. 
random	Outcomes occur at random if each outcome is equally likely to occur.
random sample	A sample that is chosen without any preference, representative of the entire population.
range of a data set	The difference between the greatest number and the least number in a set of data.
range of a relation	The set of second numbers in the ordered pairs of a relation.
rate	The ratio of two measurements having different units of measure. Example: 60 miles per hour
rate of change	The change in a quantity over time.
ratio	A comparison of two number by division.
rational equation	An equation that contains rational expressions.
rational expression	An algebraic fraction whose numerator and denominator are polynomials.
rational function	A function that contains rational expressions represented as the quotient of two polynomials in the form $f(x) = \frac{g(x)}{h(x)}$, where $h(x) \neq 0$.
rational inequality	Any inequality that contains one or more rational expressions.
rational numbers	The set of numbers that can be written in the form $\frac{a}{b}$, where a and b are integers and $b \neq 0$. Examples: $1 = \frac{1}{1}$, $\frac{2}{9}$, $-2.3 = -2\frac{3}{10}$
ray	A part of a line that extends indefinitely in one direction from a fixed point.
real numbers	The set of rational numbers and irrational numbers together.
reciprocal	The multiplicative inverse of a number.
rectangle	A parallelogram with four right angles. 
rectangular form	A complex number written as $x + yi$ where x is the real part and yi is the imaginary part.