

Chapter 3

Real Numbers - all real numbers and all rational numbers.

Density Property of Real Numbers - between any 2 numbers there is another real number.

Rational Numbers - any number that can be written as a whole #, integer, fraction, or a decimal (repeating or terminating)

Irrational Numbers - decimal numbers that do not terminate or repeat

Reciprocal - (multiplicative inverse) any # multiplied by its inverse = 1
 $\frac{6}{7} (\frac{7}{6}) = 1$

Perfect Square - has a whole number as its square roots (ex. 16, 36, 9, 81)

Relatively Prime - fractions in simplified form but may not necessarily be prime numbers. ($\frac{9}{14}$)