

Unit Nine, Extending Fluency with Rational Numbers, Vocabulary

order of operations – the rules of which calculations are performed first when simplifying an expression

parentheses and brackets (levels of grouping) – symbols to show a group of terms and/or expressions within a mathematical expression

positive – greater than zero

rational numbers – a set of numbers that can be expressed as a fraction a/b , which includes the subsets of whole numbers and counting (natural) numbers

variable – a letter, such as n , that stands for a number in an expression or an equation

improper fraction – a number in the form a/b where a and b are whole numbers and $a > b$ where b is not equal to zero

mixed number – a number that is composed of a whole number and a fraction

unequal denominator – two fractions where denominators are not identical or similar

ratio table – comparative value of two or more numbers organized in columns and rows

factor pair – a set of two numbers, which when multiplied result in a definite number

Related Vocabulary:

Addend

Area model

Associative property of addition

Associative property of multiplication

Base-10 place value system

Benchmark

Commutative property of addition

Commutative property of multiplication

Compatible numbers

Decimal number

Denominator

Difference

Dividend

Divisor

Estimation

Factor

Fluency

Fraction

Fraction bar

Front-end method

Halves

Least common denominator

Minuend

Multiples

Numerator

Numeric expression

Product

Proper fraction

Quotient

Relative magnitude

Remainder

Rounding

Skip counting

Standard algorithm

Strip diagram

Subtrahend

Sum

Unit fraction

Whole

Whole numbers