

Chapter 1 review

Vocabulary:

sum
difference
product
quotient
reciprocal
numerator
denominator
 $x^0 = 1$
Fibonacci numbers
Lucas numbers
Palindrome
inverse operation
terminating decimal
repeating decimal

Sets of numbers:

Counting #s (natural #s): 1, 2, 3,

Whole #s: 0, 1, 2, 3, ...

Integers: ..., -2, -1, 0, 1, 2, ...

Rationals: any number that can be written as a fraction
all integers, all fractions, terminating decimals,
repeating decimals,

Irrational #: π , any decimal that does not terminate or repeat,
 $\sqrt{2}$, $\sqrt{3}$, etc.

Reals: \mathbb{R}

Algebra vocab

variable, coefficient Example: In $3x$, x is the variable, 3 is the coefficient

What is the coefficient of x ? (answer: 1)

expressions - phrases, can be a monomial, binomial, trinomial, polynomial

Examples: $4x$, $2x + y$, $abcde$

equations - anything with an equal sign

Example: $4x - 3 = 7$

inequalities - Examples: \leq , \neq , \geq , \lt , \gt , etc.