

FRACTION ALLEY ALGEBRA BLOCK

Fraction Alley - Algebra Block
Dimension 2000 ©2004

.125	What do we call a symbol that represents a number or value that can change and is unlikely to remain constant?	variable
.25	What is the value of the coefficient in the expression $12x^2y$?	12
.375	What is the sum of the exponents on the variables in the expression $4x^3y$?	4
.5	How many terms are in the equation $2x + 11 - x = 5x + 4$?	5
.625	What is the range of values represented by the inequality $-2 \leq x \leq 12$?	14
.750	Find the sum of the absolute values of the integers between 0 and -5 .	10
.875	True or False: Zero is not an irrational number.	True
1	True or False: Zero is not an integer.	False
1.125	True or False: Irrational numbers are not considered Real numbers.	False
1.25	True or False: Since the set of integers is infinite, the set of whole numbers is finite.	False
1.375	True or False: The sum of two odd numbers is always even.	True
1.5	True or False: The product of two odd numbers is always odd.	True
1.625	True or False: $\sqrt{2}$ is a rational number.	False
1.750	True or False: Every whole number and every integer is a rational number.	True
1.875	True or False: Every rational number can be written as a terminating or repeating decimal.	True
2	Find the fraction equivalent of .5555... repeating.	5/9
2.125	True or False: The fraction 7/8 can be written as a terminating decimal.	True
2.25	True or False: The fraction 5/6 can be written as a terminating decimal.	False
2.375	True or False: The number .9999... repeating is equivalent to 1.	True
2.5	What is the sum of the exponents on the variables in the expression $-6rs^2t$?	4
2.625	Find the sum of the first five whole numbers.	10
2.750	What set includes all numbers that can be written as a ratio of integers?	Rational Numbers
2.875	What set includes all the whole numbers and their opposites?	Integers
3	What set is the union of the even whole numbers and the odd whole numbers?	Whole Numbers
3.125	What property name is associated with $a + b = b + a$?	Commutative
3.25	What property name is associated with $a(b + c) = ab + ac$?	Distributive
3.375	What property name is associated with $(a + b) + c = a + (b + c)$?	Associative
3.5	What property guarantees that the sum of two real numbers is a real number?	Closure
3.625	What property name is associated with $a + (-a) = 0$?	Inverse of Addition
3.750	What property name is associated with $a + 0 = a$?	Identity of Addition
3.875	What property name is associated with $a \cdot (1/a) = 1$?	Inverse of Mult.
4	What property name is associated with $a \cdot 1 = a$?	Identify of Mult.

