

Index for Maher Combinatorics Book

abstraction
addition rule
addition rule of Pascal's Triangle
adults
Ali
Alston, Alice S.
Amy-Lynn
Angela
Angela's Law of Towers
Ankur
Ankur's Challenge
Another Pizza Problem
argument
beliefs
binary notation
binary numbers
binomial
binomial expansion
Bobby (Robert)
branches
Brian
cases
choices
choose
choose notation
claims
coefficient
collegiate
combinations
combinatorial reasoning
combinatorics
combinatorics problems
conditions
conjecture
connections
consumer math
Contemporary Mathematics
contradiction
controlling for variables
convincing arguments
Counting 1
Counting 2
counting methods
cousin
critical events
Cups, Bowls, and Plates

Index for Maher Combinatorics Book

Dana
Danielle
discourse
discursive
Donna
doubling rule
duplicates
durability of ideas
dyadic choice
Educational Studies in Mathematics
elevator
empirical
epistemological beliefs
Errol
Euclidean geometry
explanation
factorials
Fermat
Fermat's Recursion
Final Pizza Problem
five-tall towers selecting from two colors
five-tall towers with exactly two red cubes
five-topping pizza problem
For the Learning of Mathematics
forms of reasoning
formula
four-tall towers selecting from 2 colors
four-tall towers selecting from 3 colors
four-topping pizza problem
Francisco, John M.
Gang of Four
general rule
generalization
generalize
geometric
Glass, Barbara
Grade 1
Grade 2
Grade 3
Grade 4
Grade 5
Grade 6
Grade 7
Grade 8
group work
Guess My Tower

Index for Maher Combinatorics Book

Harding School
heuristic
high school
Hilbert, David
inductive argument
inductive reasoning
interlocution
isomorphic relationship
isomorphism
Jaime
Jeff C.
junior year
justification
justification by cases
Justify
Kenilworth
Kiczek, Regina
Knowing deeply
learning environment
lecture classes
letter codes
liberal arts
Linda
Lisa
logic
logical reasoning
longitudinal study
Magda
Maher, Carolyn A.
making sense
Martino, Amy M.
Mary
mathematical beliefs
Mathematical concepts
Mathematical ideas
Mathematical structure
Melinda
metaphor
Michael
Michelle
Michelle I.
Michelle R.
Mike
Milin
Muter, Ethel M.
n-tall tower

Index for Maher Combinatorics Book

n-tall towers selecting from r-colors
National Council of Teachers of Mathematics
National Science Foundation
NCTM
night session
notation
opposite
order
outfit
over time
Pantozzi, Ralph
Papert
partial cases
Pascal
Pascal's Identity
Pascal's Triangle
pattern
Penny
permutations
Pirie, Susan
pizza
pizza problem
pizza with halves problem
plain pizza
Powell, Arthur B.
power of 2
probability
Problem of Points
proof
proof by cases
proof by contradiction
reasoning
reasoning by contradiction
recursive argument
Relay Race
representation
Rica, Fred
Rob
Robert
Samantha
scheme
Second International Congress of Mathematicians
senior year
sense making
Shelly
Sherly

Index for Maher Combinatorics Book

shirts and jeans
shirts and jeans extended
socially emergent cognition
sociomathematical norms
sophomore year
specialize
Speiser, Robert
Sran, Manjit K.
staircase
standard notation
statistics
Stephanie
Stephanie C.
Steve
strategy
Tarlow, Lynn D.
taxicab geometry
taxicab problem
theory
theory
Tim
tower families
towers
towers-binomial relationship
Tracy
tree diagrams
trial and error
understanding
Unifix® cubes
Uptegrove, Elizabeth B.
Wesley
Yankelewitz, Dina