Author Index

Brito, Mark E. Isosceles Triangles with the Same Perimeter and Area. Apr., 264-66.
Brieske, Thomas J. Mapping Diagrams and the Graph of y = sin 1/x. Apr., 275-78.
Burton, Grace M., and J. Dan Knifong. Intuitive Definitions for Division with Zero. Mar., 179-86. See also Nov., 566.
Cattuzzi, Joan. People in Mathematics. May, 343-45.
Collett, Pamela W. Give'm a Good Clubbing. Feb., 112-14.
Czepiel, James, and Edward Esty. Mathematics in the Newspaper. Nov., 582-86.


Rachlin, Sidney L., and James J. Hirstein. The Pythagorean Theorem on an Isometric Geoboard. Feb., 141-44.


Maor, Eli. Some Uses of the Exchange Key on a Calculator. Mar., 213-17. See also Nov., 567.


Meneely, Merrill A. Graphing—Perimeter—Area. Sept., 441-44.


Olson, Melfried. Beyond the Usual Constructions. May, 361-64.

Olson, Melfried. It's a Factor of Life. Dec., 681-84, 688.


Seyler, Robert E., Thomas P. Carpenter, Mary Kay Corbitt, Henry S. Kepner, Jr., and Mary Montgomery Lindquist. NAEP Note: Problem Solving. Sept., 427-32.


Saunders, Hal. When Are We Ever Gonna Have to Use This? Jan., 7-16. See also May, 324; Oct., 487.


Schoenfies, James M. Serendipity: Batting Averages to Greatest Integers. Apr., 278-80.


Stierrett, Andrew. Electing a President in a Three Candidate Race. Nov., 635.

Stover, Donald W. Where Do These Numbers Come From? Apr., 288-94.

Thompson, Don, and Edward J. Davis. Sectioning a Regular Tetrahedron. Feb., 121-25.


Vandever, Jan J. Area and Cost per Unit: An Application. Apr., 281-84, 287.


Subject Index

Algebra

New Products, 75, 622, 696.
An “Almost” Diophantine Equation. May, 374-76.
An Application of the Complete Square Identity. Feb., 116. See also Sept., 406.
E lecting a President in a Three Candidate Race. Nov., 635.
An Error Pattern Leads to a Discovery Lesson. Mar., 197. See also Nov., 566.
Graphing—Perimeter—Area. Sept., 441-44.
“I Have... Who Has...?” Oct., 504-6.
An Improvement of a Historic Construction. Jan., 32-34.
Mathematical Expressions and Scrabble. May, 359.
Nick’s First Theorem. Apr., 286-87. See also Oct., 487.

Poi n sot Stars. Jan., 41-44.
Serendipity: Batting Averages to Greatest Integers. Apr., 278-80.
Some Uses of the Exchange Key on a Calculator. Mar., 213-17. See also Nov., 567.
The Telephone Rate Grid. Sept., 454-56.
When Are We Ever Gonna Have to Use This? Jan., 7-16. See also May, 324; Oct., 487.
Writing Has a Place in a Mathematics Class. Oct., 518-19.

Applications

E lecting a President in a Three Candidate Race. Nov., 635.
Mathematics in the Newspaper. Nov., 582-86.
The Telephone Rate Grid. Sept., 454-56.
When Are We Ever Gonna Have to Use This? Jan., 7-16. See also May, 324; Oct., 487.

December 1980

719
Arithmetic
New Programs, 699.
Graphing—Perimeter—Area. Sept., 441-44.
If the Squares Don't Get You—the Circles Will. Jan., 67-72.
Intuitive Definitions for Division with Zero. Mar., 179-86. See also Nov., 566.
It's a Factor of Life. Dec., 681-84, 688.
Nick's First Theorem. Apr., 286-87.

Basic Skills
See “Curriculum” or content area.

Book Reviews
See “New Publications” under content area.

Calculus
New Programs, 152
New Publications, 155, 238, 547, 702-3, 705.
Infinity and the Limit Concept. May, 359-60.

Computers and Calculators
New Programs, 152, 462, 544-46, 627.
It's a Factor of Life. Dec., 681-84, 688.
Some Uses of the Exchange Key on a Calculator. Mar., 213-17. See also Nov., 567.
A Summer Course with the TI 57 Programmable Calculator. Feb., 99-106. See also Oct., 487; Dec., 568-69.
Where Do These Numbers Come From? Apr., 288-94.

Curriculum
See also content area.
New Products, 698.
New Programs, 77-78, 236, 300, 391-92, 462, 625-26, 699-700.

Mathematics in the Newspaper. Nov., 582-86.
To Read or Not to Read, That Is the Question! Apr., 248-52.
Remedial Work in High School Mathematics. Jan., 51-60.
A Summer Course with the TI 57 Programmable Calculator. Feb., 99-106. See also Oct., 487; Dec., 568-69.
Teachers and Sex Bias in Mathematics. Mar., 169-73. See also Sept., 406.
When Are We Ever Gonna Have to Use This? Jan., 7-16.
Writing Has a Place in a Mathematics Class. Oct., 518-19.
Discovery
See “Teaching Methods—Discovery.”

Games and Puzzles
See “Teaching Methods—Games and Puzzles.”

General Mathematics
See “Arithmetic”; “Algebra”; “Teaching Methods.”

Geometry
New Publications, 156, 238, 302, 396, 630.
Geoboard Geometry: A Minicourse for a Middle School Classroom. Dec., 675–78.
NAEP Note: Problem Solving. Sept., 427–32.

Euclidean
Area and Cost per Unit: An Application. Apr., 281–84, 287.
Beyond the Usual Constructions. May, 361–64.
Isosceles Triangles with the Same Perimeter and Area. Apr., 264–66.
The Method of Centroids in Plane Geometry. May, 378–85. See also Nov., 567.
The Pythagorean Theorem on an Isometric Geoboard. Feb., 141–44.
Unsolved Problems in Geometry. May, 366–69. See also Dec., 651.

Solid

Hand-held Calculators
See “Computers and Calculators.”

History
New Products, 459, 631.
New Publications, 629, 630.

If the Squares Don’t Get You—the Circles Will. Jan., 67–72.

Individualized Instruction
See “Teaching Methods—Individualized Instruction.”

Learning Laboratory
See “Teaching Methods—Laboratory.”

Mathematics Laboratory
See “Teaching Methods—Laboratory.”

Measurement
New Products, 76, 150–51, 697.
New Programs, 299–300.
Kids Have Dropped Over Dead Converting Metrics! Jan., 34–38. See also May, 324.

Metric System
See “Measurement.”

Minicalculators
See “Computers and Calculators.”

NCTM
Affiliated Groups

Committee Reports
Thanks from the Publications Committee. May, 399.

Finances

Meetings

Officers, Committees, Projects, and Representatives

President’s Message
President’s Address, 58th Annual Meeting. Sept., 473–80.

Number Theory
See “Arithmetic” or “Algebra.”

December 1980 721
Opinions and Philosophies
Thanks from the Editorial Panel. Dec., 709-12.

Probability
New Products, 696.
New Publications, 238.
Probability Simulation in Middle School. Sept., 446-49.
Watch the Red, Not the Black. May, 349-53. See also Oct., 489-90; Nov., 567.

Problem Solving
See “Curriculum” or content area.

Statistics
New Publications, 238, 553, 633, 705.

Teacher Education

Teaching Methods
New Publications, 156.

Discovery
Geoboard Geometry: A Minicourse for a Middle School Classroom. Dec., 675-78.

Games and Puzzles
“T Have... Who Has...?” Oct., 504-6.
Roman Numeral Puzzle. Feb., 108, 156.

Individualized Instruction

Laboratory
See also “Worksheets.”

Perimeters of Polygons on the Geoboard. Feb., 127-30. See also Oct., 490.
Probability Simulation in Middle School. Sept., 446-49.
The Pythagorean Theorem on an Isometric Geoboard. Feb., 141-44.

Tests
New Products, 698.
New Programs, 701.

Trigonometry
New Publications, 393, 547, 552, 632, 633-34.
Mapping Diagrams and the Graph of \( y = \sin \frac{1}{x} \). Apr., 275-78.
Where Do These Numbers Come From? Apr., 288-94.

Visual Aids and Audiovisual Material
See “New Products” under content area.

Worksheets
Area and Cost per Unit: An Application. Apr., 281-84, 287.
Beyond the Usual Constructions. May, 361-64.
Graphing—Perimeter—Area. Sept., 441-44.
Poinset Stars. Jan., 41-44.
Roman Numeral Puzzle. Feb., 108, 156.
Sectioning a Regular Tetrahedron. Feb., 121-25.