

Ohio Journal of School Mathematics

No. 14

Fall, 1988

<u>TRIBUTE TO HAROLD BROCKMAN</u>	1
MATH IN MOTION	2
Mary Lou Curl	
STALKING THE SOLUTION TO AN EQUATION	5
Frederick S. Gass	
THE PENTAGON RAP	9
Marilyn A. Hilliard	
A MAGIC SQUARE SQUARED	13
Bethel Hooven	
USE COMPUTERS WITH CARE	15
Maita Levine and Ray Rolwing	
TRIANGULAR ARRAYS: ACTIVITIES AND NUMBER PATTERNS	19
David R. Duncan and Bonnie H. Litwiller	
EXPECTED VALUE OF A SWEEPSTAKES ENTRY	23
Wendell A. Johnson	
FACTORING THE SUM AND DIFFERENCE OF TWO CUBES	27
Barbara Zimmanck Krueger	
MATH AND MASTERY: NOT A TRIVIAL PURSUIT	29
Denise Z. Iams	
EDITORIAL COMMENT	32



Ohio Council of Teachers

JOURNAL EDITORS

Joe Kennedy and Diane Thomas
Math-Stat Department
Miami University
Oxford, Ohio 45056

EDITORIAL SECRETARY

Kim Hensley
Miami University
Oxford, Ohio

OCTM BOARD OFFICERS 1988 - 1989

David Kullman, Pres.
Mathematics and Statistics
Miami University
Oxford, Ohio 45056

Marilyn Link, Treas.
5041 St. Rt. 219
Coldwater, Ohio 45828

Adele Cohn, VP-Sec.
Program Chairman
4004 Monticello Blvd.
Cleveland Hts., Ohio 44121

William Speer, Past Pres.
EDCI-Bowling Green State U.
Bowling Green, Ohio 43403

Linda Gojak, VP-Elem.
Services Chairman
Hawken School
Clubs Road
Lyndhurst, Ohio 44124

Trish Koontz, VP-College
Membership Chairman
404 White Hall
Kent State University
Kent, Ohio 44242

Tena Roepke, Sec.
Mathematics and Comp. Sci.
Ohio Northern University
Ada, Ohio 45810

OCTM DISTRICT DIRECTORS

Margaret Raub, NE (1991)
Strongsville High School
20025 Lunn Road
Strongsville, Ohio 44136

Jack Albers, W (1990)
Marion Local Schools
1901 State Route 716
Maria Stein, Ohio 45860

Jo Schiffbauer, EC (1989)
1025 Lake Center
Lake High School
Uniontown, Ohio 44685

Margaret Kasten, C (1991)
Ohio State University
202 Arps Hall
Columbus, Ohio 43210

Robert Ekelman, SE (1990)
Federal Hocking High School
State Route 144
Stewart, Ohio 45778

Kathleen Wendling, NC (1989)
1000 Broad Street
Ashland, Ohio 44805

Duane Bollenbacher, NW (1991)
Bluffton High School
W. College Avenue
Bluffton, Ohio 45817

David Herron, SW (1990)
Greenhills High School
Faragutt Road
Greenhills, Ohio 45218

Marialice Kollar, E (1989)
Mt. Gilead High School
Park Avenue
Mt. Gilead, Ohio 43338

OTHER COUNCIL OFFICERS

NEWSLETTER EDITOR
Charles Smith
McCracken Hall
Ohio University
Athens, Ohio 45701

MATHEMATICS CONTEST
COORDINATOR
Michael Flick
Purcell Marian High School
2935 Hackberry Street
Cincinnati, Ohio 45206

STATE MATHEMATICS
CONSULTANT
Steve Meiring
65 South Front St.-Rm. 1013
Columbus, Ohio 43266

BROCHURE EDITOR
Kenneth Cummins
421 South Center Street
New Washington, Ohio 44854

MATHEMATICS CONTEST
DIRECTOR
Richard Little
Mathematics Department
Baldwin-Wallace College
Berea, Ohio 44017

NCTM REPRESENTATIVE
Carl Benner
322 Millett Hall
Wright State University
Dayton, Ohio 45435

MEMBERSHIP SECRETARY
Sr. Mary Theresa Sharp, SND
Notre Dame College of Ohio
4545 College Road
South Euclid, Ohio 44121

STATE MATHEMATICS
CONSULTANT
Margaret Comstock
65 South Front Street-Rm. 1005
Columbus, Ohio 43266

CONTACT FOR ANNUAL
MEETING
Patricia McNichols
St. Ursula Academy
4025 Indian Road
Toledo, Ohio 43606