

OHIO JOURNAL OF SCHOOL MATHEMATICS

OHIO COUNCIL OF TEACHERS OF MATHEMATICS

No. 10

January, 1986



OCTM OFFICERS 1985-86

William Hunt, President
24436 Ridgeline Dr.
Bedford Heights, OH 44146

William Speer, Pres. Elect
1003 Village Dr.
Bowling Green, OH 43402

Len Pikaart, Past-Pres.
McCracken Hall, Ohio U.
Athens, OH 45701

Patricia Brimlow, Sec.
2574 Ocelot St. NE
North Canton, OH 44721

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

Pamela J. Termeer, VP-Elem.
7248 Dunham Dr.
Oxford, OH 45056

Alex Grimmet, VP-Sec.
848 Kenmar Dr.
Loveland, OH 45140

Tom Hayes, VP-College
613 Pasteur
Bowling Green, OH 43402

Sister Mary Theresa Sharp
Membership Secretary
1857 S. Green Rd.
Cleveland, OH 44121

OCTM DISTRICT DIRECTORS

Karen Ardner, NW (1988)
4758 Brookhurst Road
Sylvania, OH 43560

Paul Dahnke, NE (1988)
619 Ottawa Drive
Huron, OH 44839

Marilyn Suydam, C (1988)
1885 Kempton Drive
Columbus, OH 43220

Dave Kullman, SW (1987)
Dept. of Math. and Stat.
Miami University
Oxford, OH 45056

Peggy Murdock, SE (1987)
319 N. Penn Ave.
Wellston, OH 45692

Daniel Niswonger, W (1987)
215 Washington Ave.
Greenville, OH 45331

Carl A. Bevington, EC (1966)
1857 E. Third Street
Salem, OH 44460

Marjorie Poorman, NC (1986)
637 Buena Vista
Ashland, OH 44805

Daniel Scott, E (1986)
26367 S.R. 60N
Warsaw, OH 43844

* * * * *

Journal Editor
Harold Brockman
Capital University
Columbus, OH 43209

Newsletter Editor
Charles Smith
McCracken Hall
Ohio University
Athens, OH 45701

Representative to NCTM
Carl Benner
College of Education
Wright State University
Dayton, OH 45431

Brochure Editor
Kenneth Cummins
New Washington, OH 44854

Math. Contest Director
Richard Little
Baldwin-Wallace College
Berea, OH 44017

Math. Contest Coordinator
Michael Flick
Purcell Marian High School
2935 Hackberry Street
Cincinnati, OH 45206

State Math. Specialists
Steve Meiring, Room 802
Margaret Kasten, Room 1004
Ohio Department of Education
65 South Front Street
Columbus, Ohio 43215

OHIO JOURNAL OF SCHOOL MATHEMATICS

January, 1986

Table of Contents

PROBABILITY PROJECTS REVISITED	2
Maita Levine and Raymond H. Rolwing	
ISOSCELES TRIANGLE PATTERNS	6
David Duncan and Bonnie Litwiller	
RECOMMENDATIONS FROM A LEADERSHIP CONFERENCE ON MIDDLE SCHOOL MATHEMATICS	11
Patricia S. Wilson	
THE GEOMETRIC PROBABILITY DISTRIBUTION: A LESSON FOR COLLECTORS	16
David Kullman and John Skillings	
CAREERS FOR WOMEN WITH DEGREES IN MATHEMATICS	21
Don Balka and Charles Peltier	
IMPROVE MATHEMATICAL SKILLS AND ATTITUDES BY USING STOCK MARKET ACTIVITIES	25
Nancy Reynolds	
TECHNIQUES FOR TEACHING DEVELOPMENTALLY HANDICAPPED STUDENTS	26
Kathryn Howells	

The Editor wishes to thank those who contributed articles for this issue of the Journal. Articles from teachers at all levels of instruction are solicited. Guidelines for preparing a manuscript are included on the inside of the back cover of this issue. Please send all suggested articles to:

Harold W. Brockman, Editor
Mathematics and Computer Science Dept.
Capital University
Columbus, Ohio 43209