

Ohio Journal of School Mathematics

No. 23

April, 1992

**THE OHIO NINTH GRADE PROFICIENCY TEST AND A
SCHOOL'S CURRICULUM** 1

Joseph A. Kunicki and Alan Osborne

**STATISTICAL INVESTIGATION OF CONSECUTIVE
SHOTS IN BASKETBALL** 9

Bonnie H. Litwiller and David R. Duncan

A NEW TWIST TO TEACHING SUBTRACTION 11

Karen Klein

DECIMAL/PERCENT FOLDS 13

Wayne R. Scott

**A STOCKMARKET SPREADSHEET FOR TEACHING
PERCENT APPLICATIONS** 20

Bob Sovchik

ASSESSMENT BY SEMINAR 24

Susann Mathews

**EVALUATION OF A MATHEMATICS PROGRAM:
A RECOMMENDATION TO PRINCIPALS** 27

Bob M. Drake

COMMENTS ON WAKEMAN'S THEOREM 32



Ohio Council of Teachers of Mathematics

JOURNAL EDITORS

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

EDITORIAL SECRETARY

Evelyn Johnson
Math-Stat Department
Miami University
Oxford, Ohio 45056

OCTM BOARD OFFICERS 1991-1992

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

Dave Kullman, Past President
Mathematics and Statistics
Miami University
Oxford, Ohio 45056

Linda Gojak, President-Elect
20761 Naumann Avenue
Euclid, Ohio 44123

Ann Farrell, Secretary
120 EMS Building
Wright State University
Dayton, Ohio 45435

Adele Cohn, Treasurer
4004 Monticello Blvd.
Cleveland, Ohio 44121

Jim Dague, V.P. College
Education Department
John Carroll University
University Heights, Ohio 44118

Jo Schiffbauer, V.P. Secondary
Lake High School
1025 Lake Center
Uniontown, Ohio 44685

Theresa Norris, V.P. Elementary
3321 Harvey Avenue
Cincinnati, Ohio 45229

OCTM DISTRICT DIRECTORS

Marialice Kollar, NC (1992)
Mt. Gilend High School
338 Park Avenue
Mt. Gilend, Ohio 43338

Catherine Sanor, EC (1992)
1331 Cidermill Road
Salem, Ohio 44460

Daniel Scott, E (1992)
26367 SR 60 N.
Warsaw, Ohio 43844

Nancy Morris Luthy, SE (1993)
114 Rauch Drive
Marietta, Ohio 45750

Dianne Olix, W (1993)
Fairmont High School
3301 Schroyer Road
Kettering, Ohio 45429

Ruth Hubbard, SW (1993)
3230 Hardisty Avenue
Cincinnati, Ohio 45208

Don Gerke, NW (1994)
Eastwood High School
17082 N. River Road
Pemberville, Ohio 43450

Richard Glove, NE (1994)
Mayfield High School
1461 Waterbury Road
Lakewood, Ohio 44107

Linda Taylor, C (1994)
2836 Kelley Court
Reynoldsburg, Ohio 43068

OTHER COUNCIL OFFICERS**NEWSLETTER EDITOR**

Charles Smith
105 McCracken Hall
Ohio University
Athens, Ohio 45701

BROCHURE EDITOR

Kenneth Cummins
421 South Center
New Washington, OH 44854

MEMBERSHIP SECRETARY

Sr. Mary Theresa Sharp, SND
Notre Dame Education Center
13000 Auburn Road
Chardon, Ohio 44024

**MATHEMATICS CONTEST
COORDINATOR**

Michael Flick
Educ. Dept., Xavier Univ.
3800 Victory Parkway
Cincinnati, Ohio 45207

**MATHEMATICS CONTEST
DIRECTOR**

Richard Little
Mathematics Dept.
Baldwin-Wallace College
Berea, Ohio 44017

**CONTACT FOR ANNUAL
MEETING**

Susan Albrecht
225 Westwind Drive #3
Avon Lake, Ohio 44012

NCTM REPRESENTATIVE

Leland Knauf
Youngstown State Univ.
8777 Knauf Road
Canfield, Ohio 44406

**STATE MATHEMATICS
CONSULTANT**

Steve Meiring
Ohio Dept. of Education
65 S. Front St., Room 1005
Columbus, Ohio 43266

**STATE TECHNOLOGY
CONSULTANT**

Margaret Kasten
Ohio Dept. of Education
S. Front St., Room 1005

Permission to copy is granted to teachers for instructional use when the material is to be distributed free of charge or at cost only, to authors of scholarly papers, to librarians who wish to place a limited number of copies on reserve, and to other journals. In all such instances, due credit should be given to the author(s) and to the Ohio Journal of School Mathematics. Copyright © 1992, The Ohio Council of Teachers of Mathematics