
Permission to use any part of this publication in the classroom is hereby granted, including reproduction. This does not include articles that have been published with permission of author and noted as "not for reproduction."

Contents

<i>Ed Carriger</i>	3	From the Editor's Desk
<i>William J. Bruce</i>	4	What's in a Cryptarithm
<i>T. E. Kieren</i>	9	Constructive Experiences with Decimals
<i>T. E. Kieren</i>	12	Constructive Rational Number Tasks
	18	1979 Alberta High School Prize Examination Results
<i>Raymond E. Spaulding</i>	32	Activities: Tetrahexes
<i>George W. Bright</i>	37	Ideas



delta-k is a publication of the Mathematics Council, ATA. Editor: Ed Carriger, R.R.#1, Site 2, Box 3, Bluffton TOC OMO. Publisher: The Alberta Teachers' Association, 11010 - 142 Street, Edmonton T5N 2R1. Editorial and Production Services: Communications Department, ATA. Opinions of writers are not necessarily those of either the Mathematics Council or The Alberta Teachers' Association. Please address correspondence regarding this publication to the editor.

Mathematics Council Executive 1978-79

123456789 123456789 123456789 123456789 123456789 123456789 123456789 123456789 123456789 123456789

President

Robert Holt Res 462-1847
4255 - 74 Street Bus 434-0464
Edmonton T6K 0W1

Mathematics Representative

Dr. Geoffrey J. Butter Res 435-1433
Department of Mathematics Bus 432-3988
University of Alberta
Edmonton T6G 2G1

Past President

Dr. K. Allen Neufeld Res 436-0571
Dept. of Elem. Educ. Bus 432-4188
University of Alberta
Edmonton T6G 2G5

ATA Representative

C.E. Connors Bus 453-2411
Barnett House ext. 283
11010 - 142 Street
Edmonton T5N 2R1

Vice-President

Richard J. Kopan Res 271-5240
23 Lake Crimson Close SE Bus 286-5156
Calgary T2J 3K8

Secretary

Dr. Arthur Jorgensen Res 723-5370
Box 2069 Bus 723-3815
Edson TOE OPO

Directors

Audrey Brattberg Res 428-6394
Dickinsield Jr. High Sch. Bus 476-4646
14320 - 88A Street
Edmonton T5E 6B6

Treasurer

Donald H. Hinde Res 782-6849
Box 741 Bus 782-3812
Lacombe TOC 1S0

Lyle Pagnucco Res 271-0259
Forest Lawn High School Bus 272-6665
1304 - 44 Street SE
Calgary T2A 1M8

delta-k Editor and Publicity Chairman

Ed Carriger Res 843-6138
R.R. #1, Site 2, Box 3 Bus 843-6528
Bluffton TOC OMO

Dr. Joan E. Kirkpatrick Res 434-0756
#1001, 9809 - 110 Street Bus 432-4153
Edmonton T5K 2J9

Faculty of Education Rep. and Monograph Editor

John Percevault Res 328-1259
Faculty of Education Bus 329-2111
University of Lethbridge ext. 257
Lethbridge T1K 3M4

Bill R. Gooliaff Res 938-7222
R.R. #2 Bus 246-0771
Okotoks TOL 1T0

Gary R. Hill Res 327-5601
1626 Lakeside Road Bus 328-5153
Lethbridge T1K 3G8

Department of Education Representative

Bruce Stonell Res 346-7814
Regional Office Bus 343-5262
of Education
4th Floor, 4814 Ross St.
Red Deer T4N 1X4

Matt Pawluk Res 469-6813
Director and NCTM Rep. Bus 429-5621
Edmonton Pub. School Bd. ext. 264
10010 - 107A Avenue
Edmonton T5H 0Z8