

INDEX

Volume 16, 1985

ARTICLES

- ASHCRAFT, MARK H. Is It Farfetched That Some of Us Remember Our Arithmetic Facts? March, 99-105.
- BAROODY, ARTHUR J. Mastery of Basic Number Combinations: Internalization of Relationships or Facts? March, 83-98.
- BEHR, MERLYN J.; WACHSMUTH, IPKE; and POST, THOMAS R. Construct a Sum: A Measure of Children's Understanding of Fraction Size. March, 120-131.
- BEHR, MERLYN J. *See* Post, Thomas R.
- BRINKO, KATHLEEN T. *See* Fuson, Karen C.
- CARRAHER, TEREZINHA NUNES, and SCHLIEMANN, ANALÚCIA DIAS. Computation Routines Prescribed by Schools: Help or Hindrance? January, 37-44.
- COONEY, THOMAS J. A Beginning Teacher's View of Problem Solving. November, 324-336.
- DERI, MARIA. *See* Fischbein, Efraim.
- FENNEMA, ELIZABETH, and TARTRE, LINDSAY A. The Use of Spatial Visualization in Mathematics by Girls and Boys. May, 184-206.
- FISCHBEIN, EFRAIM; DERI, MARIA; NELLO, MARIA SAINATI; and MARINO, MARIA SCIOLIS. The Role of Implicit Models in Solving Verbal Problems in Multiplication and Division. January, 3-17.
- FUSON, KAREN, and BRINKO, KATHLEEN T. The Comparative Effectiveness of Microcomputers and Flash Cards in the Drill and Practice of Basic Mathematics Facts. May, 225-232.
- GAROFALO, JOE, and LESTER, FRANK K., JR. Metacognition, Cognitive Monitoring, and Mathematical Performance. May, 163-176.
- HANSEN, RANDALL S.; McCANN, JOAN; and MYERS, JEROME L. Rote Versus Conceptual Emphases in Teaching Elementary Probability. November, 364-374.
- HENDERSON, RONALD W.; LANDESMAN, EDWARD M.; and KACHUCK, IRIS. Computer-Video Instruction in Mathematics: Field Test of an Interactive Approach. May, 207-224.
- KACHUCK, IRIS. *See* Henderson, Ronald W.
- LANDESMAN, EDWARD M. *See* Henderson, Ronald W.
- LESH, RICHARD. *See* Post, Thomas R.
- LESTER, FRANK K., JR. *See* Garofalo, Joe.
- LLABRE, MARIA M. *See* Maspons, Maria M.
- MARINO, MARIA SCIOLIS. *See* Fischbein, Efraim.
- MASPONS, MARIA M., and LLABRE, MARIA M. The Influence of Training Hispanics in Test Taking on the Psychometric Properties of a Test. May, 177-183.
- MCCANN, JOAN. *See* Hansen, Randall S.
- MYERS, JEROME. *See* Hansen, Randall S.
- NELLO, MARIA SAINATI. *See* Fischbein, Efraim.
- POST, THOMAS R.; WACHSMUTH, IPKE; LESH, RICHARD; and BEHR, MERLYN J. Order and Equivalence of Rational Numbers: A Cognitive Analysis. January, 18-36.
- POST, THOMAS R. *See* Behr, Merlyn J.
- RESEARCH ADVISORY COMMITTEE OF THE NATIONAL COUNCIL OF TEACHERS OF MATHEMATICS. Mathematics Education Research: 1984 in Review. July, 316-319.
- RUBENSTEIN, RHETA N. Computational Estimation and Related Mathematical Skills. March, 106-119.
- SCHLIEMANN, ANALÚCIA DIAS. *See* Carraher, Terezinha Nunes.
- SIDERS, JAMES A.; SIDERS, JANE Z.; and WILSON, REBECCA M. A Screening Procedure to Identify Children Having Difficulties in Arithmetic. November, 356-363.
- SIDERS, JANE Z. *See* Siders, James A.

- STEINBERG, RUTH M. Instruction on Derived Facts Strategies in Addition and Subtraction. November, 337–355.
- SUYDAM, MARILYN N. Research on Mathematics Education Reported in 1984. July, 243–315.
- TARTRE, LINDSAY A. *See* Fennema, Elizabeth.
- WACHSMUTH, IPKE. *See* Behr, Merlyn J.
- WACHSMUTH, IPKE. *See* Post, Thomas R.
- WILSON, REBECCA M. *See* Siders, James A.

BRIEF REPORTS

- CARRIER, CAROL; POST, THOMAS R.; and HECK, WILLIAM. Using Microcomputers to Reinforce Arithmetic Skills. January, 45–51.
- COLLIS, BETTY A., and ROSENBL00D, LORNE K. The Problem of Inflated Significance When Testing Individual Correlations From a Correlation Matrix. January, 52–55.
- COLLIS, KEVIN F. *See* Romberg, Thomas A.
- FERRANDEZ-REINISCH, ANNE-MARIE. The Acquisition of Inverse Proportionality: A Training Experiment. March, 132–140.
- HECK, WILLIAM. *See* Carrier, Carol.
- POST, THOMAS R. *See* Carrier, Carol.
- ROMBERG, THOMAS A., and COLLIS, KEVIN F. Cognitive Functioning and Performance on Addition and Subtraction Word Problems. November, 375–382.
- ROSENBL00D, LORNE K. *See* Collis, Betty A.

CRITIQUES

- BAROODY, ARTHUR J. Pitfalls in Equating Informal Arithmetic Procedures With Specific Mathematical Conceptions. May, 233–236.
- COBB, PAUL. A Reaction to Three Early Number Papers. March, 141–145.
- CLEMENT, JOHN. *See* Kaput, James J.
- KAPUT, JAMES J.; SIMS-KNIGHT, JUDITH E.; and CLEMENT, JOHN. Behavioral Objections: A Response to Wollman. January, 56–63.
- SIMS-KNIGHT, JUDITH E. *See* Kaput, James J.
- WOLLMAN, WARREN. A Reply to Kaput, Sims-Knight, and Clement. January, 63–66.

REVIEWS

- BAUERSFELD, HEINRICH; BUSSMANN, HANS; KRUMMHEUER, GÖTZ; LORENZ, JENS HOLGER; and VOIGT, JÖRG. *Lernen und Lehren von Mathematik* [Learning and Teaching of Mathematics]. (Hendrik Radatz) January, 68–70.
- DAVIS, ROBERT B. *Learning Mathematics: The Cognitive Science Approach to Mathematics Education*. (James J. Kaput) March, 146–153.
- KEITEL, CHRISTINE; OTTE, MICHAEL; and SEEGER, FALK. *Text—Wissen—Tätigkeit* [Text—Knowledge—Action]. (Hendrik Radatz) January, 67–68.
- SILVER, EDWARD A. (Ed.). *Teaching and Learning Mathematical Problem Solving: Multiple Research Perspectives*. (Gerald Kulm) November, 383–387.
- STEFFE, LESLIE P.; VON GLASERFELD, ERNST; RICHARDS, JOHN; and COBB, PAUL. *Children's Counting Types: Philosophy, Theory, and Application*. (Thomas P. Carpenter) January, 70–76.

REVIEWERS

- CARPENTER, THOMAS P. January, 70-76.
KAPUT, JAMES J. March, 146-153.
KULM, GERALD. November, 383-387.
RADATZ, HENDRIK. January, 67-68; 68-70.

CORRESPONDENTS

- BECKER, BETSY JANE. January, 78-79.
EGAN, KIERAN. March, 157-158.
HEDGES, LARRY V. November, 389-390.
OSBORNE, ALAN. November, 389.

NOTES AND NOTICES

- Acknowledgment: November, 393-395.
Announcements: January, 80.
 March, 159-160.
 May, 239.
 July, 320.
 November, 391-392.
Editorials: (Jeremy Kilpatrick) January, 2.
 (Jeremy Kilpatrick) March, 82.
 (Jeremy Kilpatrick) May, 162.
 (Jeremy Kilpatrick) July, 242.
 (Jeremy Kilpatrick) November, 322.
Telegraphic Reviews: January, 77.
 March, 154-156.
 May, 237-239.
 November, 388.