

Table of Contents

Introduction	5
Meeting the NCTM Standards: Correlation Chart	6
Addition and Subtraction	7
Mixed-Up Math Puzzle A	9
Mixed-Up Math Puzzle B	10
Create Your Own Mixed-Up Math Puzzle	11
Addition and Subtraction and Rounding Whole Numbers	12
Mr. Top's Trophy Shop	13
Sam's Ice Cream Shop	14
Skip Counting to 100	15
A-Mazing Fours	16
Skip Counting to 100	17
Skip Counting Sequence Search	18
Collecting and Organizing Data	19
The Breaking News Press	21
How Busy Is My Street?	22
Finding the Value of Variables	23
Numbers and Equations We Explored	24
What's Missing? A Cross Number Puzzle	25
Reading and Writing Whole Numbers to 100,000	26
Check the Checks	27
Hidden Numbers	29
Describing and Comparing Two- and Three-Dimensional Shapes	30
Geometric Shape Concentration Cards	31
Describing and Comparing Two- and Three-Dimensional Shapes	33
What's in the Box? Patterns	34
Representing, Comparing, and Ordering Large Numbers	35
We Have.../Who Has...? Cards	36
Representing, Comparing, and Ordering Large Numbers	37
Solving Multi-Step Math Stories	38
How Many Steps Forward? Game Board	39
How Many Steps Forward? Game Cards	40
Making Change for \$1, \$5, and \$10	42
What Were the Coins?	43
Thanks for Dining with Us!	44
Making Change	45
Multiplying by 6 , 7 , and 8	46
6s , 7s , and 8s Bingo Cards	47

Introduction

Packed with hundreds of quick tips, fun ideas, and reproducibles, the *Fast Ideas for Busy Teachers: Math* series provides a wonderful resource designed to make a busy teacher's life easier. Ideas for stocking and organizing your math learning center, individual and group activities, games, reproducibles, patterns, puzzles, explorations of concepts, and much more invite students to learn about math through creative and fun hands-on activities.

Fast Ideas for Busy Teachers: Math supplements your math curriculum with warm-up or follow-up exercises, take-home pages, in-class assignments, and rainy-day activities to help students master a variety of mathematical concepts and skills. Organization by content related to various math skills makes it quick and easy to find the material you need, when you need it. A wide variety of open-ended material allows you to adapt activities to meet the specific needs of your class or individual students. Watch enthusiasm for math grow as students discover how valuable and fun learning math can be!

Teacher resource pages include organizational tips, suggestions for manipulatives, patterns, and a variety of individual, partner, and small group activities designed to increase students' understanding of math. Preparation time and supplies needed are minimal and include items normally available in classrooms.

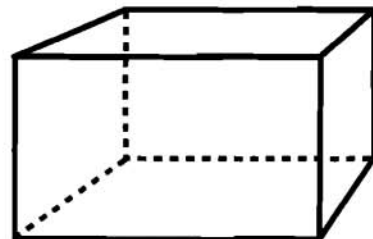
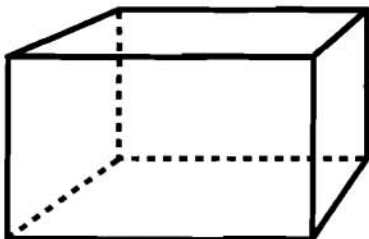
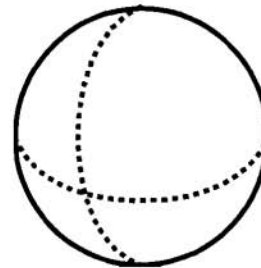
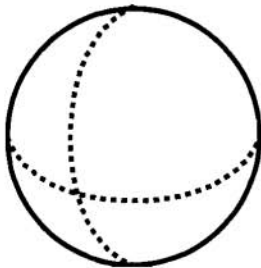
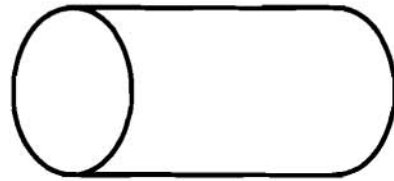
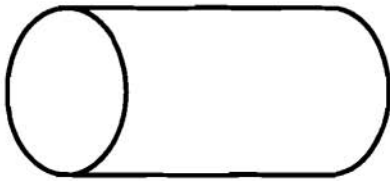
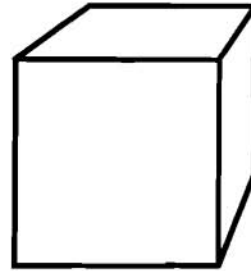
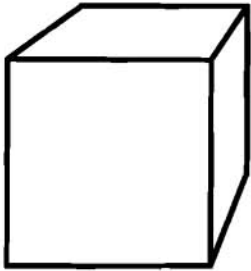
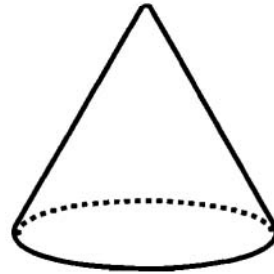
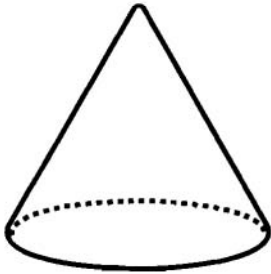
Fast Ideas for Busy Teachers: Math topics and skill areas are based on the current NCTM Principles and Standards for School Mathematics, designed by the National Council of Teachers of Mathematics. They include number and operations; algebra; geometry; measurement; and data analysis and probability skills through problem-solving strategies, reasoning and proof, mathematical connections, representations, and communications. For specific information, see the matrix showing the correlation of the activities and tips to the NCTM Standards.

Fast Ideas for Busy Teachers: Math allows you to plan creative, motivating activities and incorporate them in your math curriculum. Best of all, students' enthusiasm for math grows when math becomes an adventure of fun and discovery!





1 Shapes Concentration Cards.....





Answer Key.....

Mr. Top's Trophy Shop, page 13

Mr. Top's new prices should be: Engraving \$1; Assorted Ribbons 3 for \$1; Regular Rabbit Trophy \$6; Best in Show Rabbit Trophy \$11; Best in Show Dog Trophy \$12; Regular Dog Trophy \$6; Swimming Trophy \$7; Basketball MVP Award \$12; Soccer Cup \$28; Soccer MVP Award \$12

Sam's Ice Cream Shop, page 14

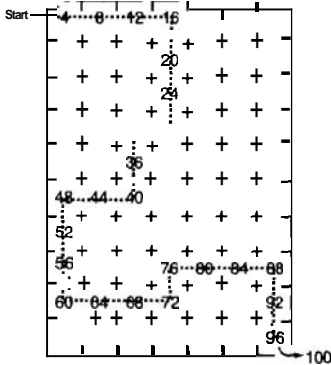
Sam's new prices should be: Milk Shakes: Small: \$1.80; Medium: \$2.80; Large: \$3.70

Sundaes: Small: \$2.00; Medium: \$2.90; Large: \$4.10

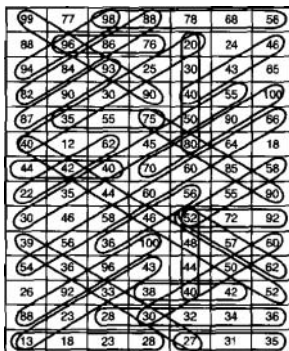
Cones: Single Dip: \$1.10; Double Dip: \$2.10; Triple Dip: \$3.00

Extras: Nuts: 30¢; Whipped Cream: 40¢; Sprinkles: 30¢

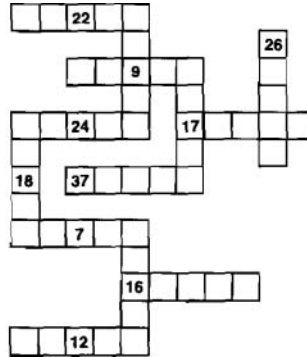
A-Mazing Fours, page 16



Skip Counting Sequence Search, page 18



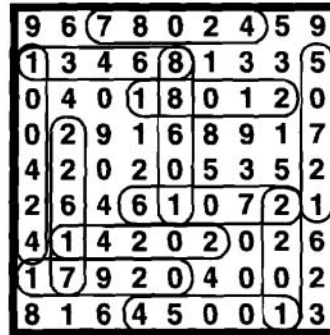
What's Missing? A Cross Number Puzzle, page 25



Check the Checks, pages 27-28

- #101: Reject #102: Accept
- #103: Reject #104: Reject
- #105: Accept

Hidden Numbers, page 29



How Many Steps Forward?, pages 39-40

- 1. 388
- 2. 478
- 3. 253
- 4. 241
- 5. 138
- 6. 5
- 7. 59
- 8. 12
- 9. \$376
- 10. 11 cupcakes
- 11. 7
- 12. 74
- 13. 63
- 14. 17
- 15. 10
- 16. 249