

# PROBLEM SOLVING

## MATH CHALLENGE: 190 FUN AND CREATIVE PROBLEMS FOR KIDS

Grades 2 & up

190 creative word problems about interesting facts and everyday situations challenge kids to give their math skills a workout in these 192-page books. Cartoon illustrated, these lively books will have kids calculating the length of a day on Jupiter, discovering out how far a gray whale travels in a lifetime, figuring out how much pizza their money will buy, and more! Answers included. (James Riley, Marge Eberts, & Peggy Gisler)

**WWGY 70259 Grades 2-4 . . . . . \$9.95**  
**WWGY 70267 Grades 4 & up . . . . . \$9.95**

## DECODING MATH WORD PROBLEMS

Grades 3-5

Many students struggle with word problems and struggle to develop the necessary critical thinking and problem-solving skills. Each reproducible book in this innovative series includes grade-appropriate word problems on numbers, measurement, geometry, algebra and data. Each lesson includes a cross curricular story problem, strategies and step-by-step instructions for solving the problem. Whether working individually, in small groups, or with the whole class, students will learn there's more than one way to solve a problem. Students must show their work and can then use the unique overhead transparency answer key to check their own work at the end of each lesson. Clearly aligned with NCTM standards so you can quickly evaluate students' progress in each skill and respond accordingly. Books include 35 self-checking story problems and 4 overhead transparency answer sheets.

**WWLR 1610 Grade 3 . . . . . \$14.95**  
**WWLR 1611 Grade 4 . . . . . \$14.95**  
**WWLR 1612 Grade 5 . . . . . \$14.95**

## PROBLEM SOLVING STRATEGIES

Grades 3-6

Learning a multitude of ways to approach a problem is part of the philosophy in developing sets of problem-solving strategies. Chapters are organized by specific types of problems such as addition and subtraction, multiplication, division, fractions, measurements, graphs, logic and more. Within each chapter of these 128-page books, several strategies are presented as methods of attacking the problems: choosing an operation, finding a pattern, estimating, using a chart, using a formula, and many more. Reproducible.

**WWSV 05146 Grade 3 . . . . . \$12.99**  
**WWSV 05154 Grade 4 . . . . . \$12.99**  
**WWSV 05162 Grade 5 . . . . . \$12.99**  
**WWSV 05170 Grade 6 . . . . . \$12.99**

## MATH WORD PROBLEMS MADE EASY

Grades 3-6

Help students boost their problem-solving skills with super strategies for solving any math word problem. Each strategy is clearly explained and comes with practice problems that utilize the specific strategy. Students can then hone their newly acquired skills with 100 word problems on grade-specific math concepts. This 80-page book meets the NCTM standards. Reproducible. (Bob Krech & Jill Saffo)

**WWSC 52971 Grade 3 . . . . . \$12.99**  
**WWSC 52972 Grade 4 . . . . . \$12.99**  
**WWSC 52973 Grade 5 . . . . . \$12.99**  
**WWSC 52974 Grade 6 . . . . . \$12.99**

## IT'S ALIVE & IT'S ALIVE...AND KICKING

Grades 3-9

All the problems in these 52-page books are based on known facts. Your students will discover information about bathtub bacteria, the smelly scent of skunks, biting habits of ticks, and much more. Students learn math, science, and a little trivia at the same time. Each book includes more than 50 illustrated, reproducible math problems and space for working each problem. The problems in both books easily integrate into the curriculum of any elementary or middle school math class. Teachers using the books will enjoy the extensive answer key sections, which focus on helping students not just get the correct answer, but also formulate a proper equation. This is math the way it ought to be—tough, fun, and a little weird. (Asa Kleiman & David Washington with Mary Ford Washington)

**WWPR 64302 *It's Alive* . . . . . \$14.95**  
**WWPR 64272 *It's Alive...and Kicking* . \$14.95**

## PROBLEM SOLVING

Grades 4-6

Provide students with plenty of practice in reading as well as interpreting word and logic problems. Information needed to solve each problem can be found in the form of stories, tables, graphs, recipes, pictures, and more. Problem-solving games, and end-of-book test, an additional test that can be taken and scored on line, and a reproducible certificate are included in each 48-page book.

**WWCD 4733 Grades 4-5 . . . . . \$6.99**  
**WWCD 4734 Grades 5-6 . . . . . \$6.99**

## ARITHMETRICKS

Grades 4-6

Unlock the magical powers of math with 85 problem-solving puzzles, fun games, and entertaining math tricks that students can use to amaze their friends, stump teachers, and surprise their family! Best of all, these activities in this 160-page book reinforce concepts, develop skills, and build student confidence in math through hours of fun. Answers included. (Jeri S. Cipriano)

**WWGY 88963 . . . . . \$14.95**

## NO PROBLEM!

Grades 4-6

Young math students will become expert problem solvers with this 96-page program of eight problem-solving techniques that include guess and check; make a table or an organized list; look for a pattern; act out or use manipulatives; use logic; simplify or work backwards; and make a diagram or drawing. Reproducible. (Joan Vydra and Jean McCall)

**WWPR 3112X . . . . . \$13.95**

## SOLVING PROBLEMS KIDS CARE ABOUT

Grades 4-8

Take the problem out of problem-solving with a 4-step approach given in this 144-page book which shows students how to work through mathematical problems systematically and without anxiety. Includes more than 30 reproducible problem worksheets on high-interest topics with complete worked-out solutions. (Randall Souviney)

**WWGY 65345 . . . . . \$17.95**



# PROBLEM SOLVING

## BRAINTEASERS: APPLYING MATH SKILLS IN INNOVATIVE WAYS

Grades 4-8

Build higher-level thinking and processing skills with fun puzzles and problems in these 48-page books. Students will learn to create their own problems, which they can then share with classmates. Some of the concepts introduced, explored, and shared include matrix logic, sequencing, probability, place value, and geometry as well as the basics such as additions, subtraction, multiplication, division, fractions, and money. Included in each book is a review test and an answer key. (Jillayne Prince Wallaker)

WWCD 104006 Grades 4-5 .....\$6.99  
 WWCD 104007 Grades 6-8 .....\$6.99

## EXTREME MATH

Grades 4-12

The word problems in this 84-page book are drawn from interviews with actual people using mathematics in wickedly extreme sports! Each problem is provided on a black-line master and includes problem-solving suggestions for students. The book includes a comprehensive answer key. The activities are tied to the standards established by NCTM. (Kip Tyler and Marya Washington Tyler)

WWPR 64965 .....\$14.95

## THE LOOSE CABOOSE AND OTHER MATH MYSTERIES

Grades 5-8

By solving math problems, students get clues so they can solve the mysteries. Thirteen mysteries in this 64-page book present a variety of math skills, including decimals, sequences, logic, percentage, geometry, measurement, averages, time, prime numbers, graphing, and computation. Reproducible. (Dianne Drazie)

WWPR 61367 .....\$11.95



## MATH-A-LOGIC

Grades 5-8

This award-winning text combines logical thinking with mathematical concepts and calculations, such as patterns and sequences, analogies, deduction, inference, sets and Venn diagrams, propositions and logical notation, syllogisms, and problem solving. This 81-page book provides a unique approach which provides practice in math computations and thinking skills. (Dianne Drazie)

WWPR 31073 .....\$12.95

## MATH FOR REAL KIDS

Grades 5-8

Kids won't ask "Why am I studying this?": when they figure the probability of guessing a correct answer on a test, estimate change at a restaurant, score a bowling game, or work with sport statistics. This rich sourcebook of 70 problem-solving activity sets is organized according to the content standards of the NCTM, making it easy for teachers to select lessons that support the curriculum and for parents to provide appropriate supplementary activities. Answers included. Limited reproduction. Second edition. (David Spangler)

WWGY 70119 .....\$14.95