

Access Free Mathcounts  
National Solutions Poptopten

# Mathcounts National Solutions Poptopten

*Jane Chen is the author of the  
book "The Most Challenging  
MATHCOUNTS(r) Problems  
Solved" published by*

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## Access Free Mathcounts National Solutions Poptopten

*MATHCOUNTS Foundation. This book contains 20 Mathcounts Target Round Tests with the detailed solutions. The problems are very similar to real Mathcounts State/National competitions. We did our best to*

## Access Free Mathcounts National Solutions Poptopten

*make sure the problems and solutions are excellent and free from mistakes. If you find any errors in this book (the 2014 edition), please let us know and we will mail you a check with the amount you paid to Amazon for*

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*this book.*

*This book contains the detailed solutions to 1990- 2000 Mathcounts Chapter Competition Sprint and Target problems. Many problems are given two or more solutions. For pdf file of this book*

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*or our other Mathcounts and AMC books, please visit our web page:  
<http://www.mymathcounts.com/index.php>*

*Follows six American high school students on the quest for glory in the Olympics of math*

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*competitions--The International  
Mathematical Olympiad.  
Mathcounts National Competition  
SolutionsCreatespace  
Independent Publishing Platform  
Competition Math for Middle  
School*

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*Eleven Years Mathcounts Chapter  
Competition Solutions  
Unlocking the Clubhouse  
2017 School and National  
Competitions  
The Art of Problem Solving,  
Volume 1*

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*Yana Parker has helped hundreds of thousands of job seekers write and refine their resumes to damn near perfection. Her resume guides have been praised for their user-friendly style and savvy advice and, rightly so, have become staples in*

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*libraries, career centers, and  
employment offices nationwide.  
Now, in this fully revised and  
updated edition of the best-seller,  
you can quickly garner resume-  
writing wisdom by following 10  
easy steps to a damn good resume.*

## Access Free Mathcounts National Solutions Poptopten

*Also included are completely new sections on formatting resumes and submitting resumes over the Internet. Here is a resume guide you can count on to help you get that resume done fast and get it done right.*

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*"...offer[s] a challenging exploration of problem solving mathematics and preparation for programs such as MATHCOUNTS and the American Mathematics Competition."--Back cover  
For the Rising Math Olympians*

# Access Free Mathcounts National Solutions Poptopten

*contains over 500 examples and brand-new problems in Number Theory, Algebra, Counting & Probability, and Geometry that are frequently tested in math competitions. Each chapter contains concepts with detailed explanations,*

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*examples with step-by-step solutions,  
and review problems to reinforce  
the students' understanding. This  
book is written for beginning  
mathletes who are interested in  
learning advanced problem solving  
and critical thinking skills in*

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*preparation for elementary and middle school math competitions. For the past three years, Jesse has served as an assistant coach for his former middle school math team and the curriculum director for the Maui Math Circle. In 2016, three*

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*of his students finished in the top 10 in the Hawaii State Mathcounts Competition. This book consists of the top 20 math concepts that he used to train his students.*

*The 39 self-contained sections in this book present worked-out*

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*examples as well as many sample problems categorized by the level of difficulty as Bronze, Silver, and Gold in order to help the readers gauge their progress and learning. Detailed solutions to all problems in each section are provided at the end*

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*of each chapter. The book can be used not only as a text but also for self-study. The text covers algebra (solving single equations and systems of equations of varying degrees, algebraic manipulations for creative problem solving,*

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*inequalities, basic set theory,  
sequences and series, rates and  
proportions, unit analysis, and  
percentages), probability (counting  
techniques, introductory probability  
theory, more set theory,  
permutations and combinations,*

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*expected value, and symmetry), and number theory (prime factorizations and their applications, Diophantine equations, number bases, modular arithmetic, and divisibility). It focuses on guiding students through*

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*creative problem-solving and on teaching them to apply their knowledge in a wide variety of scenarios rather than rote memorization of mathematical facts. It is aimed at, but not limited to, high-performing middle school*

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*students and goes further in depth  
and teaches new concepts not  
otherwise taught in traditional  
public schools.*

*Competitive Math for Middle  
School*

*Intermediate Algebra*

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*The Ultimate Handbook for  
Winning Math Competitions in  
Elementary and Middle School  
Foreword by MATHCOUNTS  
National Champion Albert Ni*  
**This is a solution (not**

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**problems) book for 2019  
Mathcounts School and  
National Competition  
Sprint round, Target  
round, and Team round  
problems. Please contact  
mymathcounts@gmail.co**

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**m for suggestions,  
corrections, or  
clarifications of the  
solutions.**

**Math Jokes 4 Mathy Folks  
is an absolute gem...---Jim  
Rubillo Professor**

*Page 24/99*

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**Emeritus, Bucks County  
Community College,  
Newtown, PA The jokes in  
this book are well-chosen  
and cover a wide  
spectrum, from jokes for  
kids to jokes for math**

*Page 25/99*

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**majors, from corny to  
thought-provoking---Art  
Benjamin Professor and  
Mathemagician, Harvey  
Mudd College, Claremont,  
CA This is a book that  
every math teacher from**

*Page 26/99*

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**elementary school  
through college should  
have in their classroom  
library. Who said math  
can't be funny?---Victoria  
Miles, Middle Grades  
Math Teacher,**

*Page 27/99*

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**Weymouth, MA Patrick  
Vennebush has put  
together the most  
comprehensive set of  
mathematical jokes I have  
ever seen...if you like  
math and you like**

*Page 28/99*

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**jokes---or if you need a  
joke to liven up an  
otherwise dull and boring  
lecture---then you need to  
buy this book.---Guy  
Brandenburg, Retired  
Teacher, Washington, DC**

*Page 29/99*

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**Math nerds and punsters  
rejoice! This is the book  
you've been waiting  
for---your perfect source  
for that one-liner to  
impress your girlfriend,  
boyfriend, or 8th-grade**

*Page 30/99*

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**math teacher. ---Cathy  
Seeley, Past President,  
NCTM; Author of Faster  
isn't Smarter---Messages  
About Math, Teaching  
and Learning in the 21st  
Century I haven't laughed**

*Page 31/99*

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**so hard since I discovered  
that imaginary numbers  
are just numbers with a  
not-so-real complex.  
Enjoy!---Edward B.  
Burger Professor,  
Williams College**

*Page 32/99*

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**Williamstown, MA When  
not solving problems,  
telling jokes, or playing  
ultimate, G. Patrick  
Vennebush manages  
online projects for the  
National Council of**

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**Teachers of Mathematics.  
He has an M.A. in  
curriculum and  
instruction from the  
University of Maryland.  
He lives in northern  
Virginia with his wife**

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**Nadine, who laughs at 80% of his jokes; his twin toddlers Alex and Eli, who only appreciate 20% of his humor; and his golden retriever Remy, who has never been very good with**

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**percents**

**Understanding and  
overcoming the gender  
gap in computer science  
education. The  
information technology  
revolution is**

*Page 36/99*

Access Free Mathcounts  
National Solutions Poptopten

**transforming almost every aspect of society, but girls and women are largely out of the loop. Although women surf the Web in equal numbers to men and make a majority**

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**of online purchases, few are involved in the design and creation of new technology. It is mostly men whose perspectives and priorities inform the development of**

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**computing innovations  
and who reap the lion's  
share of the financial  
rewards. As only a small  
fraction of high school  
and college computer  
science students are**

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**female, the field is likely to remain a "male clubhouse," absent major changes. In *Unlocking the Clubhouse*, social scientist Jane Margolis and computer scientist**

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**and educator Allan Fisher  
examine the many  
influences contributing to  
the gender gap in  
computing. The book is  
based on interviews with  
more than 100 computer**

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**science students of both  
sexes from Carnegie  
Mellon University, a  
major center of computer  
science research, over a  
period of four years, as  
well as classroom**

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**observations and  
conversations with  
hundreds of college and  
high school faculty. The  
interviews capture the  
dynamic details of the  
female computing**

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**experience, from the family computer kept in a brother's bedroom to women's feelings of alienation in college computing classes. The authors investigate the**

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**familial, educational, and institutional origins of the computing gender gap. They also describe educational reforms that have made a dramatic difference at Carnegie**

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**Mellon—where the percentage of women entering the School of Computer Science rose from 7% in 1995 to 42% in 2000—and at high schools around the**

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**country.**

**Jane Chen is the author of  
the book "The Most  
Challenging  
MATHCOUNTS(R)  
Problems Solved"  
published by**

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## **MATHCOUNTS**

**Foundation. The revised edition (Jan. 5, 2014) of the book contains 20 Mathcounts Target Round Tests with the detailed solutions. The problems**

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**are very similar to real  
Mathcounts  
State/National  
competitions.**

**Mathcounts Speed and  
Accuracy Practice Tests  
Six Kids Vie for Glory at**

*Page 49/99*

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**the World's Toughest  
Math Competition  
Eleven Years Mathcounts  
National Competition  
Solutions  
Mathcounts National  
Competition Solutions**

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## **Introduction to Counting and Probability**

The book contains ten tests that can be used to train students' speed and accuracy during Mathcounts competitions

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at school, chapter,  
state, and national  
levels. Each test has  
two parts. Part I trains  
students calculation  
speed with number sense.  
Part II trains students

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reading and problem  
solving skills. Each  
problem in Part II has  
the detained solutions.  
This is a solution book  
for 2011 - 2016  
Mathcounts National

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Competition Sprint and  
Target round problems.  
The problems are shared  
free among coaches,  
parents, and students.  
You can also contact  
Mathcounts.org for

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problems.

This is a solution book  
for 1990 - 2000

Mathcounts National  
Competition Sprint and  
Target round problems.

The problems attached

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are for your reference only. To avoid possible copyright issues, we have changed the wording, but not the substance, of the problems. Jane Chen is

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the author of the book  
"The Most Challenging  
MATHCOUNTS (r) Problems  
Solved"- 2001-2010  
National Mathcounts  
Solutions" officially  
published by

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Mathcounts.org.

This is a solution book  
for 2017 Mathcounts  
School and National  
Competitions.

Prealgebra Solutions  
Manual

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Mathcounts National  
Competition Team Round  
Solutions  
Precalculus  
Glencoe Math  
Accelerated, Student  
Edition

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The Three-Year

MATHCOUNTS Marathon

**This problems book is for high school students who need extra practice preparing for American Math Competitions 10 and 12. It contains over 500 problems (with**

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**solutions) accompanying the lectures  
1 through 25 of our 50 Lectures for  
American Mathematics  
Competitions books.  
The Glencoe Math Accelerated  
Student Edition prepares students  
for the rigor of algebra.**

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**This is a solution book for 1990 -  
2000 Mathcounts National  
Competition Team Round problems.  
Jane Chen is the author of the book  
"The Most Challenging  
MATHCOUNTS(R) Problems  
Solved"- 2001-2010 National**

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**Mathcounts Solutions" officially published by Mathcounts.org. This book teaches you some important math tips that are very effective in solving many Mathcounts problems. It is for students who are new to Mathcounts competitions but**

# **Access Free Mathcounts National Solutions Poptopten**

**can certainly benefit students who  
compete at state and national levels.**

**Twenty Mock Mathcounts Target  
Round Tests**

**Mathcounts Chapter Competition  
Practice**

**Women in Computing**

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## **1900 to 2000 Sprint and Target Rounds**

### **Introduction to Geometry**

*This book contains the detailed solutions  
(not problems) to 1990- 2000*

*Mathcounts State Competition Sprint and  
Target rounds problems. Many problems*

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*are given two or more solutions. For pdf  
file of this book or our other Mathcounts  
and AMC books, please visit our web  
page: [http:](http://www.mymathcounts.com/index.php)*

*//www.mymathcounts.com/index.php*

*The books (Volumes 1 to 5) are based  
the lecture notes from our 2015*

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*Mathcounts State Competition Training Program. We have reviewed the manuscripts carefully and some of our students also helped. Please email us at [mymathcounts@gmail.com](mailto:mymathcounts@gmail.com) if you see any typos or mistakes or you have a different solution to any of the problems*

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*in the book. We really appreciate your help in improving the books. This book can be used by 5th to 8th grade students preparing for Mathcounts State and National Competitions. Each chapter consists of (1) basic skill and knowledge section with plenty of examples, (2)*

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*exercise problems, and (3) detailed solutions to all problems. Volume 2: <http://www.amazon.com/Mathcounts-State-Competition-Preparation-2/dp/1505283671> Volume 3: <http://www.amazon.com/Mathcounts-State-Competition->*

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*Preparation-3/dp/1505241383 Volume  
4: [http://www.amazon.com/Mathcounts-  
State-Competition-](http://www.amazon.com/Mathcounts-State-Competition-Preparation-4/dp/1505241383)*

*Preparation-4/dp/1505283493 Volume  
5: [http://www.amazon.com/Mathcounts-  
State-Competition-](http://www.amazon.com/Mathcounts-State-Competition-Preparation-5/dp/1505283493)*

*Preparation-5/dp/1505241413*

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*Written by a MATHCOUNTS state champion, this book contains more than 400 carefully selected problems ranging from MathCounts to the International Math Olympiad, each with a detailed solution. It is intended for advanced MathCounts mathletes, coaches, and*

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*parents. Please note that although this book includes many problems from high school math competitions, the purpose of the book is not to prepare for those contests. Rather, these problems are chosen to hone MathCounts problem solving skills because today's high school*

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*math problems will appear in tomorrow's MathCounts competitions. This book can be used by 5th to 8th grade students preparing for Mathcounts State and National Competitions. Each chapter consists of (1) basic skill and knowledge section with plenty of*

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*examples, (2) exercise problems, and (3)  
detailed solutions to all problems.*

*Twenty More Problem Solving Skills for  
Mathcounts Competitions*

*And Beyond Solutions Manual*

*Mathcounts Tips for Beginners*

*Pete the Cat and His Four Groovy*

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*Buttons*

*The Damn Good Resume Guide*

This book can be used by 6th to 8th grade students preparing for Mathcounts Chapter and State Competitions. This book contains a collection of five sets of practice

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tests for MATHCOUNTS Chapter (Regional) competitions, including Sprint, and Target rounds. One or more detailed solutions are included for every problem. Please email us at [mymathcounts@gmail.com](mailto:mymathcounts@gmail.com) if you

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see any typos or mistakes or you have a different solution to any of the problems in the book. We really appreciate your help in improving the book. We would also like to thank the following people who kindly reviewed the manuscripts

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and made valuable suggestions  
and corrections: Kevin Yang (IA),  
Skyler Wu (CA), Reece Yang (IA ),  
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Raymond Suo (KY), Sreeni Bajji  
(MI), Yashwanth Bajji (MI), Ying  
Peng, Ph.D, (MN), Eric Lu (NC),

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Akshra Paimagam (NC), Sean Jung (NC), Melody Wen (NC), Esha Agarwal (NC), Jason Gu (NJ), Daniel Ma (NY), Yiqing Shen (TN), Tristan Ma (VA), Chris Kan (VA), and Evan Ling (VA).

This book consists of unofficial

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solutions for the 2016--2020  
MATHCOUNTS chapter & state  
countdown round problem sets (not  
including the problem sets because  
they are copyrighted materials).  
This book contains 20 sprint round  
practice tests with solutions free to

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download at <http://www.mymathcounts.com/Forum/index.php?board=243.0>. It will help students prepare for Mathcounts Chapter, State, and National competitions.

The books (Volumes 1 to 5) are based the lecture notes from our

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2015 Mathcounts State Competition Training Program. We have reviewed the manuscripts carefully and some of our students also helped. Please email us at [mymathcounts@gmail.com](mailto:mymathcounts@gmail.com) if you see any typos or mistakes or you

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have a different solution to any of the problems in the book. We really appreciate your help in improving the books. This book can be used by 5th to 8th grade students preparing for Mathcounts State and National Competitions. Each

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chapter consists of (1) basic skill and knowledge section with plenty of examples, (2) exercise problems, and (3) detailed solutions to all problems. Volume 3: <http://www.amazon.com/Mathcounts-State-Competition->

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Preparation-3/dp/1505241383

Volume 4: <http://www.amazon.com/Mathcounts-State-Competition-Preparation-4/dp/1505283493>

Volume 5: <http://www.amazon.com/Mathcounts-State-Competition-Preparation-5/dp/1505241413>

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Mathcounts Solutions  
Math Jokes 4 Mathy Folks  
2019 School and National  
Competitions  
Mathcounts National Competition  
Practice  
The Art of Problem Solving, Volume

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This book can be used by 6th to 8th grade students preparing for Mathcounts State and National Competitions. This book contains a collection of five sets of practice tests for MATHCOUNTS National

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competitions, including Sprint and Target rounds. One or more detailed solutions are included for every problem.

This is a solution book for 2018 Mathcounts School and National Competitions problems.

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An award-winning and bestselling Pete the Cat hardcover picture book! Count down with Pete in this rocking story that makes counting fun! Pete the Cat is wearing his favorite shirt—the one with the four totally groovy buttons. But when

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one falls off, does Pete cry?  
Goodness, no! He just keeps on  
singing his song—after all, what  
could be groovier than three groovy  
buttons? This book is a winner of  
the Theodor Seuss Geisel Honor  
Award. Plus the fun never

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stops—download the free groovin' song! Don't miss Pete's other adventures, including Pete the Cat: I Love My White Shoes, Pete the Cat: Rocking in My School Shoes, Pete the Cat Saves Christmas, Pete the Cat and His Magic Sunglasses,

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Pete the Cat and the Bedtime Blues, Pete the Cat and the New Guy, Pete the Cat and the Cool Cat Boogie, Pete the Cat and the Missing Cupcakes, Pete the Cat and the Perfect Pizza Party, and Pete the Cat: Crayons Rock!

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Your book is "fabulous". I spent two hours last night working problems from it. I'm planning to use some in what I do with teachers, with citation of course. I love it. I love the clever problems you came up with and the clever

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solutions of the MATHCOUNTS problems you used. Dr. Harold Reiter, former Chairman of Mathcounts Question Written Committee, Math Professor, UNC at Charlotte Being responsible for the publications we put out at

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MATHCOUNTS, I understand the incredible amount of work this required. Congratulations on such a great accomplishment. ---Kristen Chandler Mathcounts, Deputy Director & Program Director I just finished going through with it. As

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for the book, I'm pretty impressed. It really seems you put a lot of time and effort into it, and I liked it. - Calvin Deng 2010 USA IMO Team Member, Silver Medalist I bought this book together with "Twenty More Problem Solving Skills" for

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my 6th grade daughter, who loves math, and is preparing for AMC and MathCounts competition. She is very excited with these two books and learns a lot from these two books in her math competitionpreparation. We

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recommend this book as a must  
have math competition collection. -

-A parent

Fifty Lectures for Mathcounts  
Competitions (5)

2018 School and National  
Competitions

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2016-2020 MATHCOUNTS  
Chapter and State Competition  
Countdown Round Solutions  
Fifty Lectures for American  
Mathematics Competitions  
Problems  
For the Rising Math Olympians