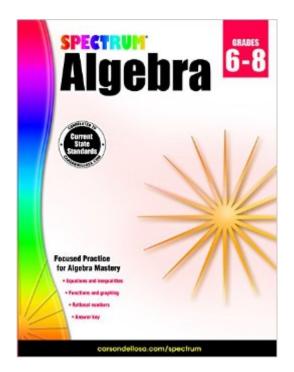
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# **Spectrum Algebra**





# Synopsis

With the help of Spectrum Algebra for grades 6 to 8, your child develops problem-solving math skills they can build on. This standards-based workbook focuses on middle school algebra concepts like equalities, inequalities, factors, fractions, proportions, functions, and more.Middle school is known for its challenges—let Spectrum ease some stress. Developed by education experts, the Spectrum Middle School Math series strengthens the important home-to-school connection and prepares children for math success. Filled with easy instructions and rigorous practice, Spectrum Algebra helps children soar in a standards-based classroom!

# **Book Information**

Series: Spectrum Paperback: 128 pages Publisher: Spectrum; Csm Wkb edition (February 15, 2015) Language: English ISBN-10: 1483816648 ISBN-13: 978-1483816647 Product Dimensions: 8.4 x 0.3 x 10.9 inches Shipping Weight: 10.4 ounces (View shipping rates and policies) Average Customer Review: 4.4 out of 5 stars Â See all reviews (99 customer reviews) Best Sellers Rank: #5,588 in Books (See Top 100 in Books) #8 in Books > Children's Books > Education & Reference > Math > Algebra #27 in Books > Children's Books > Education & Reference > Study Aids > Children's General Study Aids #1779 in Books > Reference Age Range: 11 - 13 years Grade Level: 6 - 8

## **Customer Reviews**

Having a grandchild who could do better at algebra, I decided to get this book. It needs to be noted that this book is for children in grades 6-8 and they recommend using this book during the summer months so that they do not forget everything they learned in the school year. I am using it as a tutoring aid for when I watch the grandkids. The book is 124 pages and includes 9 chapters (divided into a pre test, 4-14 lessons and a post test). a mid test covering chapters 1-5, a final test covering all 9 chapters, a reference chart (including number properties and formulas), a table of squares and square roots, a scoring record for all the tests, and an answer key for the tests. The 9 chapters cover: 1. Algebra Basics, 2. Integers and Equations, 3. Factors and Fractions, 4. Rational and

Irrational Numbers, 5. Proportion, Percent, and Interest, 6. Expressions and Equations, 7. Equations and Inequalities, 8. Functions and Graphing, and 9. Systems of Equations. This book walks you through everything using definitions and steps and examples of problems. It is easy to read and will definitely challenge the user. I would recommend this workbook as a refresher or a tutoring aid for your child.

I may be a bit unusual in that I got this book to help me study for the GREs. The GREs after all include basic algebra, integers, equations, graphing, factors, fractions, percent, interest, equalities and inequalities, as well as systems of equations  $\tilde{A}\phi \hat{A}$   $\hat{A}$ "basically what this book is about. I found this a good supplement to my normal GRE practice guide because this book walks you through these topics using easy-to-understand definitions and examples. I can definitely see that it was written for children in mind but this adult definitely appreciated the simple, no-nonsense explanations and the intuitive layout of each chapter. I especially liked that each chapter begins with a  $\tilde{A}\phi \hat{A}$   $\hat{A}\infty$ Check What You Know $\tilde{A}\phi \hat{A}$   $\hat{A}$ • section because that way, if I stumbled on something I knew to go back and look at that topic again.All in all, I very much recommend this book to children and grown-up children alike.

I donâ Â<sup>™</sup>t know that I have ever seen such a clear book on algebra. This book is systematic and clear from the first page until the last. It goes through the sets of skills people will need to learn to get to algebra in high school and college. This book shows you how to do things and then asks for practice. Every lesson is concise and understandable. My teenager is missing algebra because of the quality of his teacher in high school. It is just an absolute gap. It was offensive to me that the school district seemed to just leave her in place and that I didnâ Â<sup>™</sup>t know that the gap was growing. (Middle school teacher also had terrible issues.) I wanted to go back to the beginning and start over with him. This will help.

For many years, comprehensive workbooks have played a major role in our home instruction. We have had much success with using them from K-6th grade. However, it becomes a bit more challenging to find similar workbooks for 7th and 8th grade.Spectrum offers a number of workbooks that take a very organized, straightforward (no-frills) approach to a specific subject. This Algebra book is consistent with that...Brief, relevant instruction is given for every lesson. There are also several opportunities to test the student on acquired skills. I am particularly pleased to find a decent number of graphing problems--more than what I see in another middle school workbook on our

shelf.Before each of the nine chapters in the workbook, the student is given a pre-test to "Check What You Know." This was intimidating for my daughter until I fully explained the fact that she is NOT expected to know the information beforehand. It is merely a helpful way to identify her current level of knowledge. A series of lessons are presented with problems to solve by topic. The chapters each end with a posttest to "Check What You Learned." This is a good opportunity to instill confidence in your student by pointing out what progress has been made in comparison to the pretest that came before any instruction was given. There is a mid-test covering chapters 1-5 after the fifth chapter and a final test covering all nine chapters. This additional testing is a great way to keep reviewing past material, which ultimately helps a student achieve mastery of the subject.

I have been working with my son on the book for about three weeks now, and it is great. We do at least 4 pages per day now and what he gets stuck on, we review the examples and work through it together. I am hoping he will be better prepared for school this year in Math. He seems to be getting the hang of it and that works for me. Great for summer studies to keep your kids in the know and great review for parents who may have to help out their kids.

I bought this to help my mom re-learn middle school math and algebra. She's been out of school for 35 years and is having to go back and get her GED. We are on a time crunch, so I'm having to cover A LOT of material with her in only a short time. This book gives instruction on every page, and it gives practice problems. It has a range of different types of problems, and the problems range in difficulty. So I "assigned" a bunch of basic stuff for her to start doing on her own time, and as she gets more fluid with that, she moves on to the harder problems. Also contains lots of word problems, which is what she needs practice on.

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