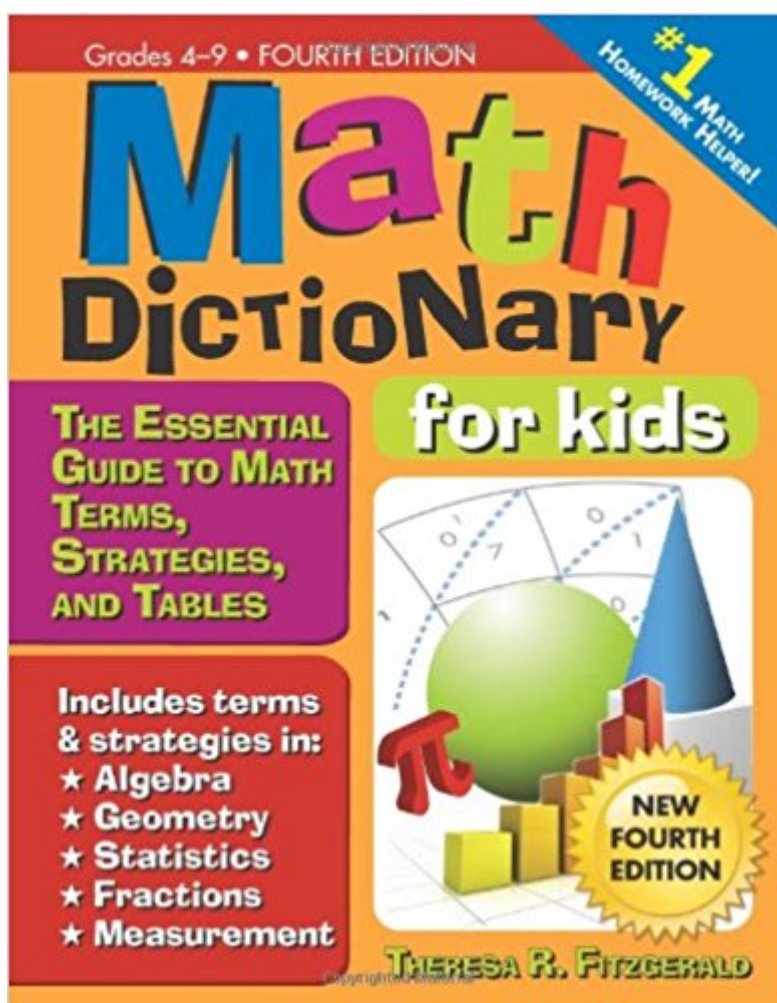




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# Math Dictionary For Kids, 4E: The Essential Guide To Math Terms, Strategies, And Tables



## Synopsis

Equipped with this handy, updated reference of more than 400 full-color, illustrated definitions, children will be able to quickly find the definitions and illustrated examples that will enable them to solve many of the math challenges they face. Covering everything from "addend" to "zero," the fourth edition of the best-selling Math Dictionary for Kids gives students in grades 4&#x96;9 definitions, illustrations, and examples that can help them solve math problems. This handbook includes illustrated, concise explanations of the most common terms used in general math classes, categorized by subjects that include measurement, algebra, geometry, fractions and decimals, statistics and probability, and problem solving. This newly updated edition also discusses how students can use manipulatives and basic math tools to improve their understanding and includes handy measurement conversion tables. Each term has a concise definition and an example or illustration. This is a guide that needs to be in every child's desk.

## Book Information

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Age Range: 9 - 14 years

Grade Level: 4 - 9

## Customer Reviews

Math Dictionary for Kids may be used effectively in a variety of ways. It would definitely be an often sought reference book in any grade 4Ã¢â€šâ€š9 math classroom, but it offers much more than simple definitions. The book's clear style and inclusion of many strategies for success in problem solving make it well adapted for independent instruction. In fact, math educators looking to transcend the pedantic and repetitive pseudo-pedagogy that currently benumbs so many of our

K&A – 12 classrooms might find Math Dictionary for Kids to be a welcome resource for creative, content-based lesson enhancement.--John Eichinger, School Science and Mathematics - October 1, 2007 --John Eichinger, School Science and Mathematics - October 1, 2007 --This text refers to an out of print or unavailable edition of this title.

Math Dictionary for Kids may be used effectively in a variety of ways. It would definitely be an often sought reference book in any grade 4 – 9 math classroom, but it offers much more than simple definitions. The book's clear style and inclusion of many strategies for success in problem solving make it well adapted for independent instruction. In fact, math educators looking to transcend the pedantic and repetitive pseudo-pedagogy that currently benumbs so many of our K&A – 12 classrooms might find Math Dictionary for Kids to be a welcome resource for creative, content-based lesson enhancement.--John Eichinger, School Science and Mathematics - October 1, 2007 My students were impressed with the explanations of symbols and the ease of use. They also appreciated the fact that the book showed examples of processes rather than just giving definitions.--Beth Hendrickson, Cobb County School District, Marietta, GA, Teaching Children Mathematics When students encounter clear and concise illustrations and explanations of terms such as those in this book, they often retain the concept for a longer period of time. I strongly recommend that both students and mathematics teachers use this book. It can serve not only as a student reference, but also as a reference for teachers.--Sue LeBeau, Audrey W. Clark School, Long Branch, NJ --This text refers to an alternate Paperback edition. --This text refers to an out of print or unavailable edition of this title.

Although the book description states that this item is suited for grades 4-9, I have found it helpful in teaching my eight-year-old daughter important mathematical concepts and definitions. The format of this book makes it extremely user-friendly that even a young child familiar with looking up words under indexes is going to be able to look up definitions without too much difficulty. To illustrate, my second grader brought home math homework the other day and one of the questions had to do with identifying which figures were quadrilaterals. I asked my daughter if she understood what a quadrilateral meant but I wasn't satisfied that she knew the exact definition so we referred to this book. The index at the back of the book is very useful in pointing to the right page for the definition. Under page 67, a quadrilateral is defined as "Any polygon with four sides" and goes on to list examples, i.e. "square, parallelogram, rhombus, trapezium, rectangle, rhomboid, and trapezoid." There are also color illustrations of several examples. My daughter is now able to identify and define

what quadrilaterals and polygons are. She is also able to define terms like "congruent" and more. The size of the book also makes it handy to carry to class (about the size of a large paperback), and the book is divided into chapters: Whole Numbers and Operations, Measurement, Algebraic Ideas, Geometry, Decimals, Fractions, Percents, and Ratios, Statistics and Probability, Problem Solving, Quick Reference Guides, Learning with Manipulatives, Formulas - great for dusting off my old brain cells:-) Tables and Charts, Measurement Conversion Tables, Basic Math Tools and Equipment, Index. The easy-to-navigate format as well as the color illustrations make this a learning tool that children will appreciate and might even motivate reluctant learners to try harder at math. I recommend this Math Dictionary For Kids to students ages 8 and up.

Can't really say this book is all that helpful. Topics are scattered throughout the book. Got to go from the beginning to the end to really find what your looking for and still may not find it. I still find my self having to use Google to find information because this book just doesn't help.

I purchased this book at the beginning of my son's 5th grade school year. I wanted to give some time to get into the school year and lessons before posting a review. This book has been a great reference for my son!! I have been working on giving him the tools to "research" answers on his own before asking me. It is very easy for both of us to look up information. School doesn't come easy to him and as a child who would prefer to play video games over homework he actually picks up this book to skim through from time to time without being asked. Lessons at school change almost daily and the students are not allowed to bring home the books just take notes. So with this book as a reference it allows him to review key information to help him through his homework and make the information stick. It has been a valuable tool and gives him the chance to get excited about his math lessons because he doesn't feel clueless.

It's not perfectly aligned with the common core - meaning it doesn't always explain things the same way. However, it's a very effective reference and it's helped my 5th grader a few times. I'd say grade 5 or 6 and above can navigate through it independently. Below that requires some parental assistance.

This Math Dictionary will be a lifesaving resource for middle grade students and parents who are trying to help their children learn areas of math they have long forgotten. With examples and

illustrations of the math terms, processes, and strategies students are expected to master, topics in the book are arranged in alphabetical order from Addends to Unifix Cubes so it's easy to find the information you need, but it's still worth spending a little time flipping through the book to see how it's arranged. I work as a tutor and often keep this book close at hand. My students enjoy using it because it's easy for them to look things up for themselves when they have questions.

This is a great resource for students and parents!

Amazing reference. Bought to help myself help my kids do their common core math homework. Not only gives definition/picture, etc. but also provides examples of how problems to be solved under common core. Well thought out book and a must have.

Good resource for lesson planning or a classroom library

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