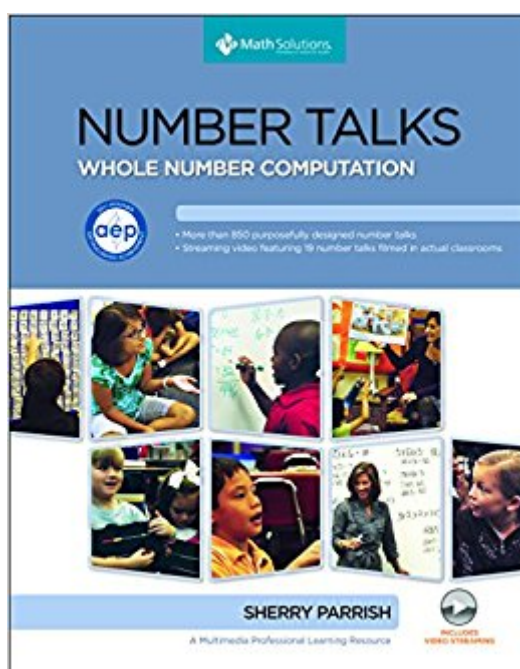


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# Number Talks: Whole Number Computation, Grades K-5: A Multimedia Professional Learning Resource



## Synopsis

**Number Talks** A five- to fifteen-minute classroom conversation around purposefully crafted computation problems that are solved mentally. The best part of a teacher's day. This dynamic multimedia resource was created in response to the requests of teachers—those who want to implement number talks but are unsure of how to begin and those with experience who want more guidance in crafting purposeful problems. It supports teachers in understanding: what a classroom talk is; how to follow students' thinking and pose the right questions to build understanding; how to prepare for and design purposeful number talks; and how to develop grade-level-specific strategies for the operations of addition, subtraction, multiplication, and division. **Number Talks** supports the Common Core State Standards for Mathematics.

**Facilitator's Guide** While the book may be used as an independent resource, it is also structured to provide a framework for collaborative learning groups or to provide professional development opportunities through grade-level teams, individual schools, or districts. Chapter 9 serves as a facilitator's resource.

**Streaming Video Clips** The online video clips provide a visual platform for teachers to reflect on their current practices and target essential understandings from their readings. The video clips feature number talks filmed in actual classrooms, grades K, 2, 3, and 5, plus seven bonus tracks highlighting interviews with the author and teachers. Clips range from five to ten minutes in length with a total viewing time of approximately two hours. The resource includes reference tables to help you quickly and easily locate the video clips by chapter and grade level. All video clips can be viewed online using the key code found on page xxii. To learn more about video streaming access, visit [mathsolutions.com/myvideos](http://mathsolutions.com/myvideos).

**Reproducibles** More than 250 pages of user-friendly reproducible dot images and ten frames for grades K–2 from Chapter 4. Reproducibles are sold separately. To learn more, visit [mathsolutions.com](http://mathsolutions.com).

## Book Information

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## Customer Reviews

Sherry Parrish has spent more than 35 years in the field of education. Sherry holds a doctorate in Educational Leadership from Samford University and is a recipient of the Presidential Award for Excellence in Mathematics Teaching. As a former classroom educator and assistant professor, she advocates for the teaching and learning of mathematics through inquiry. She is the author of the award-winning book, *Number Talks: Whole Number Computation, Grades K-5*, and currently works with teachers nationally and internationally in the area of mathematics.

This is the best book! It was worth every penny. It is great for teaching mental math. I use it everyday and it is unbelievable what my 3rd graders can do. I have taught 3rd grade for 15 years and I have never had a class that can add, subtract and multiply in their heads like this! This book is FANTASTIC!

This book is a must for any educator who wishes to develop problem solving strategies in their learners. I would even recommend it for a book study group, especially since it comes with a DVD--that really helps to gain an understanding in how students think about problems, as well as inadvertently demonstrating some great class management techniques. It outlines a lot of strategies that you can teach the kids in mini-lessons, and is very doable to add into your routine. I highly recommend it!! My only wish was that the DVD contained some classroom examples of 1st graders.

Totally awesome concept to teach math. I wish i could have been taught this way. My daughters elementary school is using this method to teach k-5 @Rowlett Elementary School. The school held a math night for the parents to introduce this new curriculum to us and give us some informative tips along with explaining their reasoning to start using this curriculum throughout the campus. I couldn't wait to purchase this book and become more familiar with this type of teaching math to our children. I am in the process of trying to get the school to hold an all day parent training day as all whom attended wanted to know more. I wish I was taught math this way as a child. I have complete faith in this teaching concept that it will allow all the students to not just learn math and the basic skills,

however, will equip them with a strong foundation giving them the ability to learn, solve, and have a love of math throughout not only their academic years but throughout their lives. What a completely awesome logical way to assist and assure our children success in math. only thru their academic years but throughout their as all whom

Just the right balance of theory and many, many pages of number talk lessons. The video is a great addition since it shows the lessons in action.

This book and video offer ideas for excellent math instruction! Highly recommend for anyone who is wanting to see improvement in the way their students discuss and show their thinking in math!

It's a little dry but there are number talks for the grade levels that are explicitly designed. I just wish they had more of a variety for K. They all involve dots so I think I will try to pull ideas from the other grade levels mentioned.

Great Product!

I'm trying to find ways to rehabilitate high school math students. These are ideas best taught early, but some need these in order to go back and work on the GED. I found this book because of an online class by Jo Boaler from Stanford university. It is one part of the "growth mindset" concepts. Highly recommend this for helping your math student become more confident in the learning strategies that work for their brains. Learning math rules just doesn't cut it. Students have to understand how and why we need numbers.

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