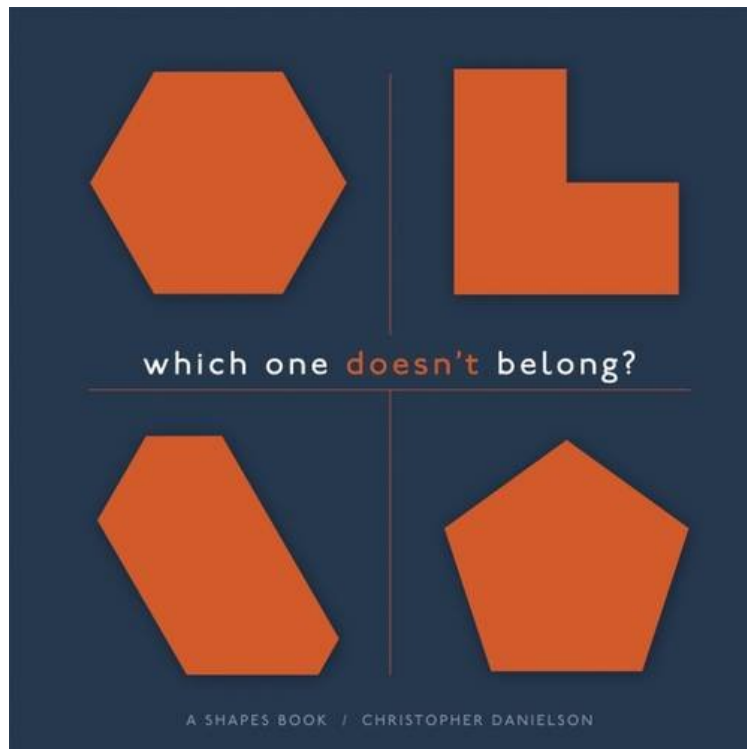


## Which One Doesn't Belong?: A Shapes Book

*Christopher Danielson*

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#71042 in Books 2016-09-01 Format: Student Edition Original language: English 8.25 x .33 x 8.251, .0 #File Name: 162531080336 pages | File size: 55.Mb

**Christopher Danielson : Which One Doesn't Belong?: A Shapes Book** before purchasing it in order to gauge whether or not it would be worth my time, and all praised Which One Doesn't Belong?: A Shapes Book:

0 of 0 people found the following review helpful. SO MUCH FUN - Great book for students, grown ups, ANYONE! By Adrienne This book is AMAZING. I use it in learning center for students with mild/moderate learning disabilities, and it really helps boost participation at the start of sessions and it's great that everyone can be right...as long as they justify their answer. I've also enjoyed talking it over with my husband and family members. It's a FANTASTIC book and what a fun concept that can be applied easily to other areas like numbers, equations, graphs, etc...not just shapes! I highly recommend this book to anyone! 1 of 1 people found the following review helpful. I love this book By vowel I love this book. It's such an awesome way to engage with multiple kids of multiple ages alone or together. They can each come up with their own answer for each page and share their thinking and there's no real right or wrong and everyone is engaging in terrific thinking. Super fun for grown-ups too and allows us to see how kids think and see things we sometimes miss. 0 of 0 people found the following review helpful. Five Stars By Peter Lehman Incredible how much discussion this book stimulates - amazing!!

Which One Doesn't Belong? has won the Mathical Book Prize, which will be presented to Christopher Danielson at the National Math Festival in Washington, DC on April 22, 2017. The Mathical Book Prize is an annual award for fiction and nonfiction books that inspire children of all ages to see math in the world around them. Every colorful page of

Christopher Danielson's children's picture book, *Which One Doesn't Belong?*, contains a thoughtfully designed set of four shapes. Each of the shapes can be a correct answer to the question "Which one doesn't belong?" Because all their answers are right answers, students naturally shift their focus to justifications and arguments based on the shapes' geometric properties. In the companion teachers guide, (978-1-62531-081-1) Danielson shows how to facilitate rich discussions and teach mathematical argumentation using *Which One Doesn't Belong?* He models how to listen closely and respectfully to students' ideas about shapes. Danielson synthesizes research about how children learn geometry, discusses the role of geometry in the mathematics curriculum, and gives plenty of practical advice about different ways to implement *Which One Doesn't Belong?* in classrooms. He also discusses the mathematical ideas likely to emerge on each page and drawing from his direct experience using *Which One Doesn't Belong?* at several different grade levels helps teachers anticipate and think about students' likely answers. Most curricula treat geometry as little more than vocabulary lessons. *Which One Doesn't Belong?* and its accompanying guide are powerful, flexible resources teachers can use to provoke lively discussions and deep learning about shapes with students of all ages.

Stenhouse just released Christopher Danielson's book, *Which One Doesn't Belong?* It's a must-have if you're a parent or a teacher with any interest in helping your children or students learn to speak mathematically. There are few tasks that offer so much mathematical value yet require so few instructions as *Which One Doesn't Belong?* You see four mathematical objects. You ask kids, "Which one doesn't belong?" You help them negotiate their overlapping and conflicting answers, developing vocabulary and the capacity for argument and abstraction along the way. That's it. You can find loads of great WODB prompts online but you can't find Christopher's unique presentation, narrative, and teachers guide, which is its own kind of graduate-level course in pedagogy. Highly recommended. Dan Meyer August 31, 2016