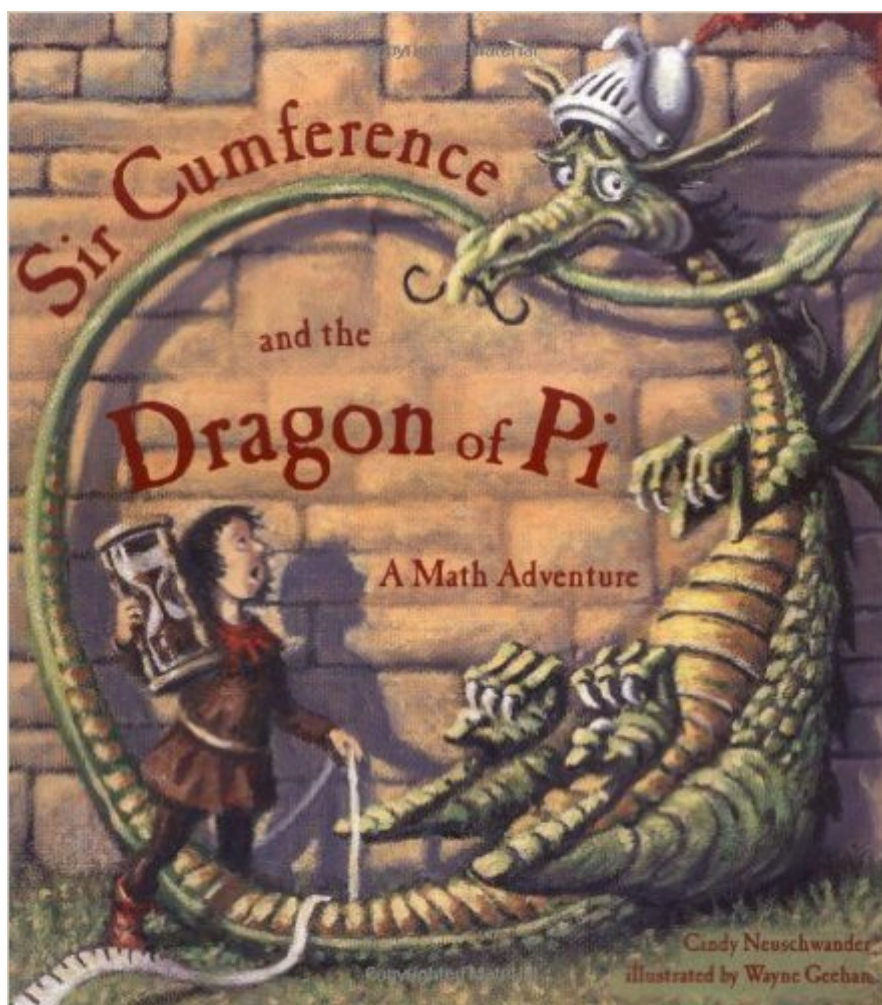


The book was found

# Sir Cumference And The Dragon Of Pi (A Math Adventure)



## Synopsis

Sir Cumference, Lady Di of Ameter, and Radius are back in their second Math Adventure! This time, a potion has changed Sir Cumference into a fire-breathing dragon. Can Radius change him back? Join Radius on his quest through the castle to solve a riddle that will reveal the cure. It lies in discovering the magic number that is the same for all circles.

## Book Information

Lexile Measure: 510L (What's this?)

Series: A Math Adventure

Paperback: 32 pages

Publisher: Charlesbridge (February 1, 1999)

Language: English

ISBN-10: 1570911649

ISBN-13: 978-1570911644

Product Dimensions: 8.6 x 0.1 x 9.6 inches

Shipping Weight: 3.5 ounces (View shipping rates and policies)

Average Customer Review: 4.6 out of 5 starsÂ Â See all reviewsÂ (75 customer reviews)

Best Sellers Rank: #40,469 in Books (See Top 100 in Books) #26 inÂ Books > Children's Books >

Education & Reference > Math > Geometry #112 inÂ Books > Children's Books > Geography &

Cultures > Royalty #159 inÂ Books > Children's Books > Fairy Tales, Folk Tales & Myths >

Dragons

Age Range: 8 - 12 years

Grade Level: 2 - 7

## Customer Reviews

Sir Cumference and the Dragon of Pi is the story of a boy that must use math to save his father. Most of the character's names are terms found in math, like Sir Cumference and Radius, which cleverly adds to the effect of the story. The use of a dragon gives the story more of a fantasy feel which appeals to the younger audience. The illustrations in the book are done well and add to the medieval setting of the book because they look like oil paintings. The goal of this book is to introduce kids to the concept of pi in a fun and easy to understand way. It pulls this off by having a fairy tale setting and actually having a reason to use pi that kids can understand. This book is not a quick read, yet it's not long enough to lose the attention of a child. Even though this is a children's book, it should only be used for older children since it involves division with fractions. Because of

this, it works as a great educational tool for those older children by introducing them to a fundamental math term they will most likely use later in life.

I feel the age range given on the website should not be ages 4-8. This is appropriate for 8 and up. That said, my 5 year old enjoys it as just a fairy tale and I would not attempt any "teaching" to him. He listens as I read it to my older daughters and maybe it will seep in so when he's old enough to begin measuring, he will easily grasp the concepts. This is a wonderful book - good illustrations and a clever story. The author works the math part in without it being cumbersome. A few times through this book and your child will have a good grasp of pi. At the least, it will be a good memory trigger if he/she needs help in class.

I have use this book in my middle school classroom. The kids enjoy it. Yes, it is silly but heck so are middle school kids! Since reading the book and discussing it, the kids have a much better understanding of what pi really is, instead of just saying about 3.14.

As a fifth/sixth grade teacher, I find all of these "Sir Cumference" books to be interesting to students at every stage of learning about the math concepts they present. This is the one mathematically-flawed book in the series, however, which accounts for the 3 star rating. The young boy, Radius, searches for a cure for his father's unexpected transformation into a dragon, and  $3\frac{1}{7}$  works as the value for pi needed to restore him to human form. It's a bit nit-picky of me, perhaps, but one of the most essential things a student should learn about pi is that it is a non-terminating decimal value which got a name because it couldn't be accurately quantified. That said, any teacher (or interested parent) could clear up the fuzzy definition. The books are funny, brief, written on a relatively easy level, and -- while most likely to be appreciated fully by students who have already learned the math -- could be enjoyed as stories by even the youngest listeners, as other parent/teacher reviewers have affirmed. This book, like the others, does a good job of using verbal jokes to help secure math vocabulary.

My kids love this book! They range in age from an 11 yr old girl to a 3 yr old boy and they all enjoy it! My son loves the story and the knights and adventure. And, he is learning something in the process. My older kids enjoy the story also but on a different level and it also reinforces what they have already learned! What a great concept! I can't wait for more to come out! We already own all 4!

Used this to teach a 6th grade level math class about pi. It was fun and engaging, when combined with other activities, and my students seemed to enjoy it. I also got some very positive feedback from my peers! That said, 6th might be the upper age bound of this series, which is too bad I'd love to use it with my 8th graders!

A young boy gives his father the wrong potion to cure a bellyache, and must solve the riddle of the ratio of a circle's circumference to its diameter to get the dosage to cure him. I enjoyed the fun names (Geo and Sym, the Metry brothers), but I was disappointed in the author's choice to use  $22/7$  as the value for pi. If the story hadn't made such a big point of getting the dose correct (or Dad would never be cured), I wouldn't have had any trouble with introducing an approximate value.

Loved reading this book with my 10 yr old. She loved learning math with a story and when we worked her problems in her math book, she understood PI and diameter, easily making the connections with the story. Ordered the other books in the series. -homeschool mom

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