

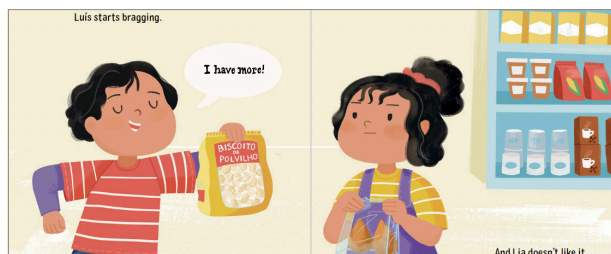
Lia & Luís: Who Has More?

by Ana Crespo and Giovana Medeiros

AGE LEVEL 3–5 YEARS

About the Story

Brother and sister go to the family store to get a snack, biscuits for Luís and croquettes for Lia. Luís brags that he has more: His bag is taller, wider, and deeper than Lia's. But Lia points out that she has two croquettes and Luís has only one bag, so she has more. Luís counters that he has 100 biscuits and Lia has only *two* croquettes, so he has more. But Lia figures out another way to show that she has more. What is it? At the end, they figure out a way to share equally. Yum!



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Words to Learn

MATH WORDS

taller, more, bigger, wider, deeper, lighter, heavier, weigh, equal

PORTUGUESE WORDS SPOKEN IN BRAZIL

Use the glossary and story clues to figure out words such as *biscoito de polvilho* (tapioca biscuits) and *coxinhas de galena* (chicken croquettes).

About the Math

The math in this book is about comparing and measuring. Your child can learn that:

- There are different ways to compare objects.
- They can compare by volume (capacity), number, and weight.
- Different methods of comparison produce different results.
- Objects can be more when measured one way but at the same time can be less when measured another way. For example, a brick can weigh more than a balloon but have less volume than the balloon.



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Math Talk During Reading

TALK ABOUT WHO HAS MORE

“Lia has two croquettes and Luís has only one bag of biscuits. Does Lia really have more than Luís?”

TALK ABOUT LIA'S THINKING

“Lia holds the croquettes and thinks. What is she thinking about? What is her solution? How does she know her croquettes are heavier than Luís's biscuits?”

TALK ABOUT EQUAL

“How did Lia make the croquettes and biscuits equal? Were they also equal in number or in size?”

Try to come up with some of your own questions and comments, too!

Activity After Reading

COMPARE IN DIFFERENT WAYS

For example, have children compare a loaf of bread and a jar of jelly. There is one loaf and one jar, so the number of objects is the same. But there are many pieces of bread and only one jar. The loaf is longer, deeper, and wider than the jar and therefore has greater capacity. But the jar weighs more than the loaf.

Mathical

BOOK PRIZE

The Mathical Book Prize recognizes math-inspiring literature for kids ages 2-18. Prize-winning books are selected by a committee of teachers, librarians, mathematicians, and others. To get the Mathical List, plus reading guides, book reviews, and more, see

mathicalbooks.org

PreK WINNERS:

Baby Goes to Market by Atinuke

Crash! Boom! A Math Tale
by Robie H. Harris

8: An Animal Alphabet by Elisha Cooper

Have You Seen My Dragon? by Steve Light

Lia & Luis: Who Has More? by Ana Crespo

One Fox: A Counting Book Thriller
by Kate Read

1 Smile, 10 Toes by Nelleke Verhoeff

ONE Very Big Bear by Alice Brière-Haquet

GRADES K-2 WINNERS:

Absolutely One Thing: Featuring Charlie and Lola by Lauren Child

The Animals Would Not Sleep
by Sara Levine

Max's Math by Kate Bank

Nothing Stopped Sophie: The Story of Unshakable Mathematician Sophie Germain by Cheryl Bardoe

One Big Pair of Underwear by Laura Gehl

Pigeon Math by Asia Citro

Sheep Won't Sleep: Counting by 2s, 5s, and 10s by Judy Cox

Uma Wimple Charts Her House
by Reif Larsen and Ben Gibson

PreK HONOR TITLES:

Animal Shapes by Christopher Silas Neal

Circle Under Berry by Carter Higgins

Count the Monkeys by Mac Barnett

Count with Maisy, Cheep, Cheep, Cheep!
by Lucy Cousins

Goodnight, Numbers by Danica McKellar

I Know Numbers by Taro Gomi

Marta! Big and Small by Jen Arena

A Mousy Mess by Laura Driscoll

One Happy Tiger by Catherine Rayner

100 Bugs! A Counting Book by Kate Narita

One Is a Piñata: A Book of Numbers
by Roseanne Greenfield Thong

Over in a River: Flowing Out to the Sea
by Marianne Berkes

Press Here by Hervé Tullet

Round by Joyce Sidman

Shape Up, Construction Trucks
by Victoria Allenby

What Will Fit? by Grace Lin

GRADES K-2 HONOR TITLES:

Billions of Bricks: A Counting Book about Building by Kurt Cyrus

Bird Count by Susan Edwards Richmond

The Boy Who Loved Math
by Deborah Heiligman

Cao Chong Weighs an Elephant
by Songju Ma Daemicke

Counting on Katherine: How Katherine Johnson Saved Apollo 13 by Helaine Becker

Counting the Stars: The Story of Katherine Johnson, NASA Mathematician
by Lesa Cline-Ransom

Count on Me by Miguel Tanco

The Girl With a Mind for Math: The Story of Raye Montague by Julia Finley Mosca

How Many Jelly Beans? A Giant Book of Giant Numbers! by Andrea Menotti

Is 2 a Lot?: An Adventure with Numbers
by Annie Watson and Rebecca Evans

Lifetime: The Amazing Numbers in Animal Lives by Lola M. Schaefer

Shapes, Reshape! by Silvia Borando
3x4 by Ivan Brunetti

We Are One: How the World Adds Up
by Susan Hood

When Sophie Thinks She Can't
by Molly Bang

Zero the Hero by Joan Holub

HALL OF FAME TITLES:

Anno's Counting Book, Mitsumasa Anno

Hippos Go Berserk! by Sandra Boynton

One Grain of Rice: A Mathematical Folktale
by Demi

The Very Hungry Caterpillar by Eric Carle

