

# Uma Wimple Charts Her House

by Reif Larsen and Ben Gibson

AGE LEVEL 7–10 YEARS

## About the Story

Uma Wimple *loves* to make charts: pictures, lists, diagrams, and graphs. She made her first chart—of her family’s fingers—at age 4. She thinks “a good chart should make you see the world in a new way.” One day, her homework assignment is to make a chart of her home. She thinks, “What makes a house housey?” With great persistence, she learns that a house is not just lines and angles but... Read this beautifully illustrated and funny (not pedantic) book to learn the lovely answer.



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## Words to Learn

Pie Chart, Bar Chart, Venn Diagram, Pyramid Chart, Tree Chart, Survey

## About the Math

The math in this book involves different kinds of charts:

- A Pie Chart shows how a whole is divided into parts (number of pie slices for family members)
- A Bar Chart shows the frequencies of different things or events (number of screen hours for family members)
- A Venn Diagram shows what groups do and do not have in common (some children like cats, some like dogs, and some like both)
- A Pyramid Chart shows how things are arranged from most important (or largest) to least important (or smallest)
- A Map shows the location of objects
- A Tree Chart shows where things come from (like family ancestry)



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## Math Talk During Reading

### TALK ABOUT THE DIFFERENT CHARTS

For the *Who holds hands?* Bar Chart, ask: “In this book, how many times did grownups hold hands with kids? A lot? A little? (4) How many times did kids hold hands with kids? (3) How many times did grownups hold hands with grownups? (1) And the dog? (It doesn’t belong: It never holds hands!)”

For the *Pegasus/Unicorn* Venn Diagram, ask, “What does the diagram show? (Horses with wings, horses with horns, and horses with both wings and a horn.) What pictures are missing? (Horses with wings only and horses with horns only.)”

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

## Activity After Reading

### CREATE DIFFERENT CHARTS ABOUT YOUR OWN HOME

Create a Bar Chart to show the number of different colored socks or different toys that your child has and a map to show the location of different objects and pieces of furniture in your child’s room.

# 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](http://mathicalbooks.org)

### PreK WINNERS:

**Again, Essie?** by Jenny Lacika  
**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  
**Zero Zebras: A Counting Book about What's Not There** by Bruce Goldstone

### 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  
**Numbers Everywhere**  
 by Linda Leopold Strauss  
**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  
**Usha and the Big Digger**  
 by Amitha Jagannath Knight  
**What Will Fit?** by Grace Lin

### GRADES K-2 HONOR TITLES:

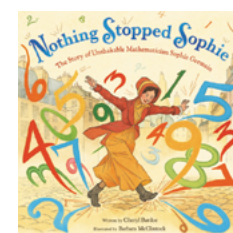
**Billions of Bricks: A Counting Book about Building** by Kurt Cyrus  
**Bird Count**  
 by Susan Edwards Richmond  
**The Boy Who Loved Math**  
 by Deborah Heiligman  
**Cao Chong Weighs an Elephant**  
 by Songju Ma Daemicke  
**Counting on Katherine:**  
**How Katherine Johnson Saved Apollo 13** 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  
**Lemonade in Winter: A Book About Two Kids Counting Money** by Emily Jenkins

**Lifetime: The Amazing Numbers in Animal Lives** by Lola M. Schaefer  
**One Boy Watching** by Grant Snider  
**Shapes, Reshape!** by Silvia Borando  
**3x4** by Ivan Brunetti  
**Too Many Pigs and One Big Bad Wolf** by Davide Cali  
**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



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