

Sheep Won't Sleep: Counting by 2s, 5s, and 10s by Judy Cox and Nina Cuneo **AGE LEVEL 5-8 YEARS**

About the Story

Clarissa couldn't fall asleep, so she counted sheep, one by one. Still no sleep and she ended up with 10 naughty sheep in her room. What about counting pairs of alpacas, 2, 4, 6... to 20? That didn't work either; 20 alpacas crowded in, too. She counted groups of 5 llamas up to 20, and groups of 10 yaks up to 50. Again, no sleep and now 100 stinky animals were messing up her room. How can Clarissa get rid of all these animals so she can sleep?



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Words to Learn

MATH WORDS

pair, group, add, subtract, patterned, numbers from 0 to 100

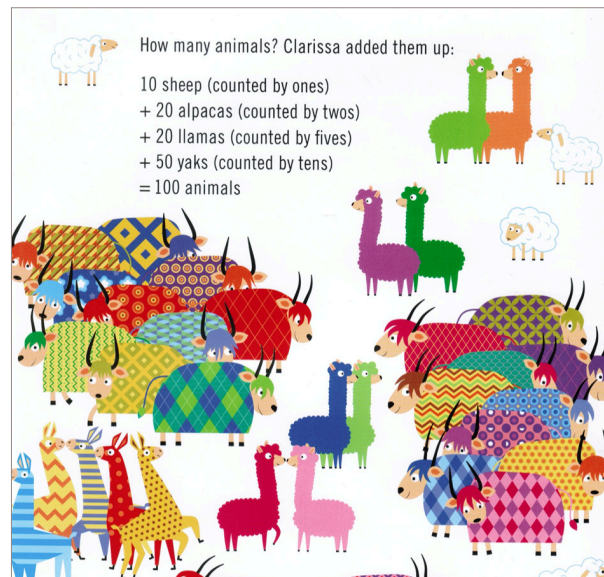
OTHER WORDS

stile (the author uses this to mean a fence), perfect grace, ewe, alpacas, lime green, magenta, llama, yak, argyle, cable, Fair Isles, wardrobe, afghan

About the Math

Reading this book, your child can learn:

- To count by 1s from 1 to 10.
- To count by 2s to 20: 2, 4, 6, 8...
- To count by 5s to 20: 5, 10, 15, 20.
- To count by 10s to 50: 10, 20, 30, 40, 50.
- To add these numbers (10 + 20 + 20 + 50) to get 100.
- To subtract these numbers to get to 0.



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Math Talk During Reading

CHECK THE NUMBER OF OBJECTS IN DIFFERENT PLACES

“How many sheep are on the floor? How many yaks are near the fence?”

COUNT OUT LOUD

“Can you count by 2s? By 5s? By 10s?”

EXPLAIN ADDITION

“Why did Clarissa write 10 and then +20 +20 +50 = 100? What do those symbols mean?”

EXPLORE PATTERNS

“What are the patterns on the llamas?”

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

Activity After Reading

PRACTICE COUNTING AND ADDING

Ask your child to count out loud from 1 to 10 and then find 10 little objects, such as raisins, to count. Now, count out loud by 2s to 10, and get 10 more objects. Then, have your child count out loud by 5s to 20 and get 20 more objects. Write 10, 10, and 20. Draw plus signs in between the numbers and have your child figure out the total. Their method may surprise you.

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 & Luís: 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

