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# A Hundred Billion Trillion Stars

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How Many Jelly Beans?  
G is for Googol  
Big Ideas Simply Explained  
A Counting Book  
Chicken Break!  
Our Stars  
A Novel  
Counting by 2s, 5s, and 10s  
A Math Alphabet Book  
How Do Hot Air Balloons Work?  
You Can Count on Monsters: The First 100 Numbers and Their Characters  
The One Hundred Nights of Hero  
The Crayons' Book of Numbers  
Thoughts on Life and Death at the Brink of the Millennium  
When's My Birthday?  
The "Unknown" Reality: Volume One  
A Cat Is Better  
The Well's End  
The Astronomy Book  
A Hundred Billion Trillion Stars  
Creature Features: Dinosaurs  
Searching for Values in a Competitive Age  
Who Am I?  
Power Up  
Growing Patterns  
The Story of the Stars, Planets, and Constellations--and How You Can Find Them in the Sky  
Understanding Big Numbers  
Millions, Billions, & Trillions  
A Good Childhood  
Fibonacci Numbers in Nature  
When I Wake Up  
Sun! One in a Billion  
A Graphic Novel  
Botanicum  
A Seth Book in Two Volumes  
Life on the Infinite Farm  
Mind-Boggling Numbers  
Giant Pumpkin Suite

Publishing House

Twelve-year-old Rose Brutigan has always been different from her twin brother, Thomas, but now she towers over him in too many ways. But when a serious accident changes the course of the summer, Rose is forced to grow and change in ways she never could have imagined.

**G is for Googol** Greenwillow Books  
Young stargazers learn about different star colors and brightnesses, how to locate major constellations, and how to make mini planetariums by using coffee cans and flashlights. 'A fine job of encouraging young people to look at stars and constellations. . . . Highly recommended as a science resource book.' —Science and Children. "A dandy book for [primary grade] readers." —AP. *Big Ideas Simply Explained* A Hundred Billion Trillion Stars

This book is a unique teaching tool that takes math lovers on a journey designed to motivate kids (and kids at heart) to learn the fun of factoring and prime numbers. This volume visually explores the concepts of factoring and the role of prime and composite numbers. The playful and colorful monsters are designed to give children (and even older audiences) an intuitive understanding of the building blocks of numbers and the basics of multiplication. The introduction and appendices can also help adult readers answer questions about factoring from their young audience. The artwork is crisp and creative and the colors are bright and engaging, making this volume a welcome deviation from standard math texts. Any person, regardless of age, can profit from reading this book. Readers will find themselves returning to its pages for a very long time, continually learning from and getting to know the

monsters as their knowledge expands. You Can Count on Monsters is a magnificent addition for any math education program and is enthusiastically recommended to every teacher, parent and grandparent, student, child, or other individual interested in exploring the visually fascinating world of the numbers 1 through 100.

*A Counting Book* little bee books  
A simple introduction to the stars, planets, and outer space.

Chicken Break! Houghton Mifflin Harcourt

Find out why a cat is the purrfect pet in this fantastically funny picture book! A sparkly necklace for me? Yes, I am beautiful. Thank you very much. See how perfect I am? What makes cats better than dogs? Is it how gracefully they leap through the air? How much smarter they are than dogs? How much more musical and cleaner they are? Or is it how good they are at making you think they're all these things? Find out why cats are the purrfect pet in this fantastically funny picture book!

**Our Stars** Little, Brown

Chicken Break, a children's picture book from writer Cate Berry and illustrator Charlotte Alder, is simple fun with some wild and crazy chickens... These chickens (ten to be exact) have one mission: to escape the coop and have some wild fun. One by one, the chickens break out. When all ten are out, they let loose! But chickens get tired, and after their wild day, one by one, they head back for some much needed relaxation. Even party animals need some rest. Filled with spunk and spirit, this is a fun and energetic way of engaging young readers to count to ten and from ten to one!

*A Novel* Candlewick Press

A Hundred Billion Trillion  
StarsGreenwillow Books

**Counting by 2s, 5s, and 10s**

Charlesbridge

NEW YORK TIMES BESTSELLER • In the final book of his astonishing career, Carl Sagan brilliantly examines the burning questions of our lives, our world, and the universe around us. These luminous, entertaining essays travel both the vastness of the cosmos and the intimacy of the human mind, posing such fascinating questions as how did the universe originate and how will it end, and how can we meld science and compassion to meet the challenges of the coming century? Here, too, is a rare, private glimpse of Sagan's thoughts about love, death, and God as he struggled with fatal disease. Ever forward-looking and vibrant with the sparkle of his unquenchable curiosity, *Billions & Billions* is a testament to one of the great scientific minds of our day. Praise for *Billions & Billions* "[Sagan's] writing brims with optimism, clarity and compassion."—Ft. Lauderdale Sun-Sentinel "Sagan used the spotlight of his fame to illuminate the abyss into which stupidity, greed, and the lust for power may yet dump us. All of those interests and causes are handsomely represented in *Billions & Billions*."—The Washington Post Book World "Astronomer Carl Sagan didn't live to see the millennium, but he probably has done more than any other popular scientist to prepare us for its arrival."—Atlanta Journal & Constitution "Billions & Billions can be interpreted as the *Silent Spring* for the current generation. . . . Human history includes a number of leaders with great minds who gave us theories about our universe and origins that ran contrary to religious dogma. Galileo determined that the Earth revolved around the Sun, not the

other way around. Darwin challenged Creationism with his *Evolution of Species*. And now, Sagan has given the world its latest challenge: *Billions & Billions*."—San Antonio Express-News "[Sagan's] inspiration and boundless curiosity live on in the gift of his work."—Seattle Times & Post-Intelligencer "Couldn't stay awake in your high school science classes? This book can help fill in the holes. Acclaimed scientist Carl Sagan combines his logic and knowledge with wit and humor to make a potentially dry subject enjoyable to read."—The Dallas Morning News *A Math Alphabet Book* Chronicle Books From writer Stacy McAnulty and illustrator Stevie Lewis, *Moon! Earth's Best Friend* is a light-hearted nonfiction picture book about the formation and history of the moon—told from the perspective of the moon itself. Meet Moon! She's more than just a rock—she's Earth's rock, her best friend she can always count on. Moon never turns her back on her friend (literally: she's always facing Earth with the same side!). These two will stick together forever. With characteristic humor and charm, Stacy McAnulty channels the voice of Moon in this next celestial "autobiography" in the *Our Universe* series. Rich with kid-friendly facts and beautifully brought to life by Stevie Lewis, this is an equally charming and irresistible companion to *Earth! My First 4.54 Billion Years* and *Sun! One in a Billion*.

**How Do Hot Air Balloons Work?**

Amber-Allen Publishing

Mathematics professor from Brown University uses colorful illustrations and cartoons to display the concepts of infinity and large numbers.

**You Can Count on Monsters: The First 100 Numbers and Their**

**Characters** Henry Holt and Company (BYR)

Every day the newspapers lament the problems facing our children - broken homes, pressures to eat and drink, the stress of exams. The same issues are discussed in every pub and at every dinner party. But is life really more difficult for children than it was, and if so why? And how can we make it better? This book, which is a result of a two year investigation by the Children's Society and draws upon the work of the UK's leading experts in many fields, explores the main stresses and influences to which every child is exposed - family, friends, youth culture, values, and schooling, and will make recommendations as to how we can improve the upbringing of our children. It tackles issues which affect every child, whatever their background, and questions and provides solutions to the belief that life has become so extraordinarily difficult for children in general. The experts make 30 specific recommendations, written not from the point of view of academics, but for the general reader - above all for parents and teachers. We expect publication to be a major event and the centre of widespread media attention.

The One Hundred Nights of Hero  
Ballantine Books

How long would it take to count to a billion without stopping? How many pizzas could a million dollars buy? Big numbers-- like millions, billions, and trillions-- are hard to visualize. In this book, the dynamic duo of David A. Adler and Edward Miller illustrate and explain these huge numbers in a lighthearted, easy-to-imagine way. Whether it's a trillion pieces of popcorn, a billion dollars, or even bigger numbers, the concrete examples in Millions, Billions, &

Trillions, laid out in simple, kid-friendly language and bright, cartoony illustrations, will help young readers make sense of large values and develop a sense of scale. From the masterful team of David A. Adler-- a former math teacher-- and Edward Miller comes another great introduction to mathematical concepts for young readers. Don't miss their other collaborations, including Squares, Rectangles, and Other Quadrilaterals, Money Math, Place Value, and Let's Estimate!

*The Crayons' Book of Numbers* American Mathematical Soc.

Counting is as easy as 1... 2... purple?... in this charming book of numbers from the creators of the #1 New York Times Best Sellers, *The Day the Crayons Quit* and *The Day the Crayons Came Home*. Poor Duncan can't catch a break! First, his crayons go on strike. Then, they come back home. Now his favorite colors are missing once again! Can you count up all the crayons that are missing from his box? From the creative minds behind the *The Day the Crayons Quit* and *The Day the Crayons Came Home* comes a colorful board book introducing young readers to numbers.

**Thoughts on Life and Death at the Brink of the Millennium** Feiwel & Friends

Coming of age in a small Colorado town known for its tall sycamore trees and an elite local boarding school, 16-year-old Mia is shocked when the community is quarantined and surrounded by gun-wielding soldiers amid revelations about her father's secret work with a genetically engineered disease. A first novel.

When's My Birthday? Holiday House  
A New York Times bestseller An NPR Best Book of 2016 A Publishers Weekly Best

Book of 2016 In the tradition of *The Arabian Nights*, a beautifully illustrated tapestry of folk tales and myths about the secret legacy of female storytellers in an imagined medieval world. In the *Empire of Migdal Bavel*, Cherry is married to Jerome, a wicked man who makes a diabolical wager with his friend Manfred: if Manfred can seduce Cherry in one hundred nights, he can have his castle--and Cherry. But what Jerome doesn't know is that Cherry is in love with her maid Hero. The two women hatch a plan: Hero, a member of the League of Secret Story Tellers, will distract Manfred by regaling him with a mesmerizing tale each night for 100 nights, keeping him at bay. Those tales are beautifully depicted here, touching on themes of love and betrayal and loyalty and madness. As intricate and richly imagined as the works of Chris Ware, and leavened with a dry wit that rivals Kate Beaton's in *Hark! A Vagrant*, Isabel Greenberg's *One Hundred Nights of Hero* will capture readers' hearts and minds, taking them through a magical medieval world.

*The "Unknown" Reality: Volume One*  
Penguin

How many jelly beans are enough? How many are too many? Aiden and Emma can't decide. Is 10 enough? How about 1,000? That's a lot of jelly beans. But eaten over a whole year, it's only two or three a day. This giant picture book offers kids a fun and easy way to understand large numbers. Starting with 10, each page shows more and more colorful candies, leading up to a big surprise—ONE MILLION JELLY BEANS! With bright illustrations, *How Many Jelly Beans?* makes learning about big numbers absolutely scrumptious!

*A Cat Is Better* Holiday House

Gorgeous nature photography introduces

readers to endangered species in this picture book from Tim Flach *Who is that peeking through the page? Is it a giant panda munching on bamboo? Or perhaps a yellow-eyed tree frog hiding in a tropical forest? Who Am I?* uses clever riddles and stunning images by esteemed photographer Tim Flach (taken from his Abrams adult book *Endangered*) to introduce ten vital species-at-risk to readers. With its engaging and timely message, this beautifully crafted picture book is perfect for the youngest animal enthusiasts.

*The Well's End* American Mathematical Soc.

A beautifully illustrated book of imaginary fables about Earth's early--and lost--history. Before our history began, another--now forgotten--civilization thrived. The people who roamed Early Earth were much like us: curious, emotional, funny, ambitious, and vulnerable. In this series of illustrated and linked tales, Isabel Greenberg chronicles the explorations of a young man as he paddles from his home in the North Pole to the South Pole. There, he meets his true love, but their romance is ill-fated. Early Earth's unusual and finicky polarity means the lovers can never touch. As intricate and richly imagined as the work of Chris Ware, and leavened with a dry wit that rivals Kate Beaton's in *Hark! A Vagrant*, Isabel Greenberg's debut will be a welcome addition to the thriving graphic novel genre.

**The Astronomy Book** Big Picture Press  
Rose, a rising star in the new field of the science of the individual, shows that no one is average. This isn't hollow sloganeering, it's a mathematical fact with enormous practical consequences. But while everyone knows people learn

and develop in distinctive ways, these unique patterns of behaviors are lost in schools and businesses which have been designed around the mythical 'average person'. This average-size-fits-all model ignores people's differences and fails at recognizing talent. It's time to change it. [A Hundred Billion Trillion Stars](#) Penguin UK

Counting sheep is supposed to help you sleep—but a room full of yaks, alpacas, and llamas would keep anyone awake in this counting book with a comical twist. Winner of the Mathical Book Prize! A glass of warm milk, reading, working on her knitting—nothing can help Clarissa

get to sleep. When even counting sheep doesn't help her doze off, she tried pairs of alpacas instead. Two, four, six . . . then llamas by fives . . . then yaks by tens! But no one could sleep with a room full of bouncing, bleating, shedding animals. Determined to unravel her problem so she can get some sleep, Clarissa counts back down until she's all alone, and she can finally get some rest. Introducing addition and subtraction by ones, twos, fives, and tens, *Sheep Won't Sleep* is part bedtime story, part math practice— and the hilarious illustrations of spotted, striped, and plaid animals are sure to appeal to imaginative readers of all ages.

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