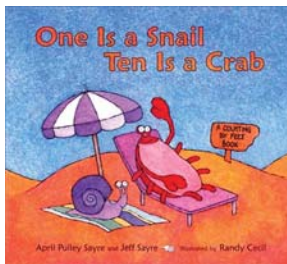


Phyllis  
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and  
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# Selected Book Pairs for Linking Math and Literacy



## Counting and grouping

*One Is a Snail, Ten Is a Crab* by April Sayre and Jeff Sayre. 2003. Cambridge, MA: Candlewick.

The legs of different creatures are combined in various ways to count to 100.

*Let's Count* by Tana Hoban. 2000. New York: Greenwillow.

The author uses words, photographs, dots, and numerals to represent numbers 1 to 100 in recognizable groups.

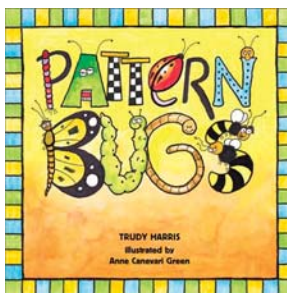
## Noticing arrangements for 100

*100th Day Worries* by Margery Cuyler. 2000. New York: Simon & Schuster.

Jessica and her family cleverly find a way to group objects for her 100th-day school assignment.

*Centipede's 100 Shoes* by Tony Ross. 2002. New York: Holt.

When centipede finds he cannot use all his 100 socks and shoes, he gives away the extras to his animal friends.



## Discovering patterns

*Pattern Bugs* by Trudy Harris. 2001. Brookfield, CT: Millbrook.

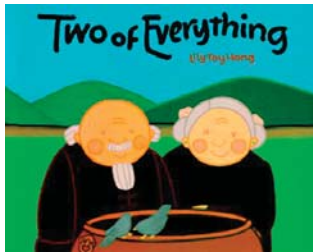
In this light-hearted, predictable rhyme, Harris features a different pattern on each page, and readers must search to find it in various places.

*Spots: Counting Creatures from Sky to Sea* by Carolyn Lesser. 1999. San Diego, CA: Harcourt Brace.

Rich illustrations and poetic language inspire awe and wonder about the patterns of animals in the earth's 10 biomes.

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This list is excerpted from the article "Pairing Books for Children's Mathematical Learning" by Phyllis Whitin and David J. Whitin, pages 42–48 of the March 2005 issue of *Young Children*.



### Doubling and halving

**Two of Everything** by Lily Hong. 1993. Morton Grove, IL: Albert Whitman.

In this Chinese tale a poor couple unearths a magic pot that doubles everything that is put inside it.

**Two Greedy Bears** by Mirra Ginsburg. 1998. New York: Simon & Schuster.

This Hungarian tale features two bears who are tricked by a fox when they cannot decide how to divide a hunk of cheese.

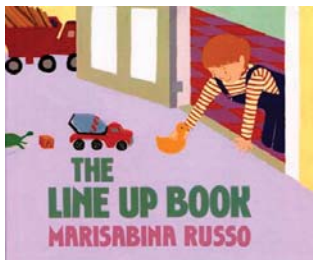
### Finding equivalent names for a number

**12 Ways to Get to 11** by Eve Merriam. 1993. New York: Simon & Schuster.

Familiar sets of objects reveal different ways to count to 11 with 2 or more addends.

**Two Ways to Count to Ten** by Ruby Dee. 1988. New York: Holt.

In this Liberian folktale, a clever antelope counts by 2s to win a contest and become the next king of the jungle.



### Using nonstandard units of measure

**The Line Up Book** by Marisabina Russo. 1986. New York: Greenwillow.

A child uses books, boots, and other objects to measure the distance from his bedroom to the kitchen.

**How Big Is a Foot?** by Rolf Myller. 1992. New York: Dell.

A king orders a bed to be made for the queen, but a problem develops when the carpenter uses his foot instead of the king's to do the measuring.

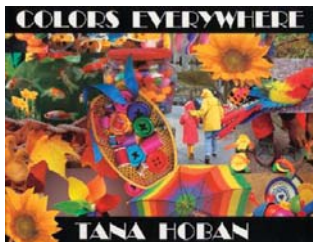
### Seeing round shapes

**Round and Round and Round** by Tana Hoban. 1983. New York: Greenwillow.

Colorful photographs depict a variety of two- and three-dimensional shapes.

**Round Is a Mooncake** by Roseanne Thong. 2000. San Francisco: Chronicle.

A young girl finds interesting shapes in her environment that reflect her Chinese-American heritage.



### Making comparisons in familiar contexts

**Colors Everywhere** by Tana Hoban. 1995. New York: Greenwillow.

On each page bands of color relate to the colors of a photograph.

**More, Fewer, Less** by Tana Hoban. 1997. New York: Greenwillow.

Photographs of clothes, cheese, buildings, and other objects invite many different comparisons.

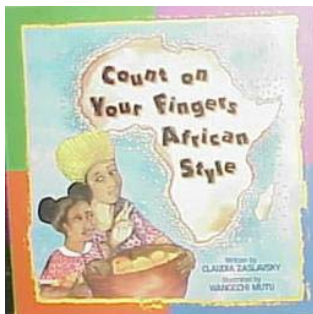
### Combining numbers for addition

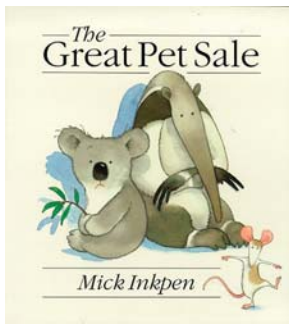
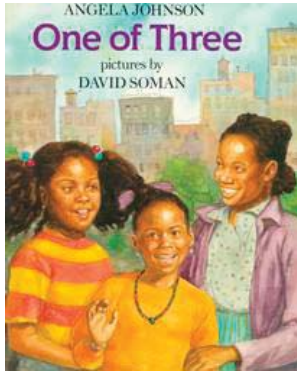
**Count on Your Fingers African Style** by Claudia Zaslavsky. 1999. New York: Writers and Readers.

Readers are invited to an African marketplace, where they learn about different ways that tribes use fingers to count.

**Ten Red Apples** by Virginia Miller. 2002. Cambridge, MA: Candlewick.

Green apples turn red, one by one, revealing an interesting mathematical pattern.





### Relating family to number

**One of Three** by Angela Johnson. 1991. New York: Orchard.

A young girl is one of two sets of three, with her two sisters and with her mother and father.

**One Hundred Is a Family** by Pam M. Ryan. 1994. New York: Hyperion.

Families come in all different constellations, spreading out from the home to neighborhood, city, and eventually the world.

### Adding money

**26 Letters and 99 Cents** by Tana Hoban. 1987. New York: Greenwillow.

Photographs of coins show potential combinations for various monetary values; bright puffy letters are featured.

**The Great Pet Sale** by Mick Inkpen. 1999. New York: Orchard.

A clearance sale at a pet store entices a boy to spend his dollar on a menagerie of creatures.

### Counting sets of things

**What Comes in 2's, 3's & 4's?** by Suzanne Aker. 1990. New York: Simon & Schuster.

Many everyday objects, such as eyes and car wheels, can be found in sets.

**The Father Who Had 10 Children** by Bénédicte Guettier. 1999. New York: Dial.

To care for his 10 children, a busy father must do a lot of counting, such as counting socks, fruit, and cereal bowls.

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