



# story telling MATH

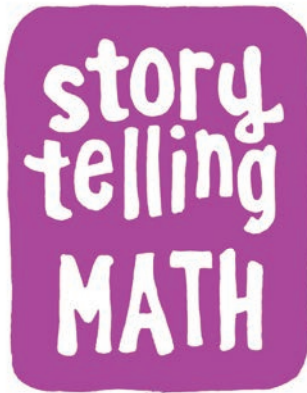


## Activity Guide

**Celebrate diversity, math, and the power of storytelling!**

Joyful stories and hands-on activities  
make it easy for kids and their grown-ups  
to explore everyday math together.



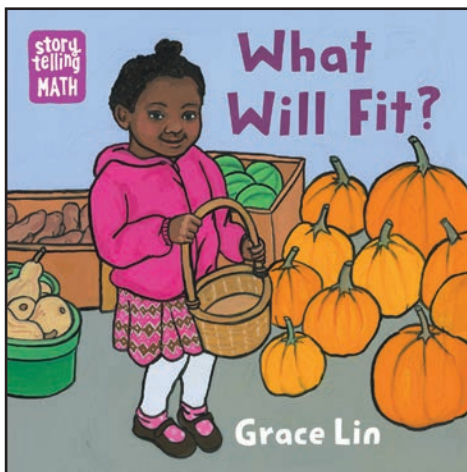


Storytelling Math celebrates children using math in their daily adventures as they play, build, and discover the world around them. Joyful stories and hands-on activities make it easy for kids and their grown-ups to explore everyday math together.

[www.charlesbridge.com/storytellingmath](http://www.charlesbridge.com/storytellingmath)

# What Will Fit?

Math activities by Marlene Kliman, TERC



978-1-62354-125-5 BD  
e-book available

## About the Book

Time for the farmers' market! Olivia is searching for something to fill her basket. What will fit just right?

## About the Math

As children figure out "what will fit," like Olivia does in this story, they build their spatial sense. They learn how shapes fit together in different ways. Spatial sense is important in science, math, and everyday life. We use spatial sense when we read maps, figure out how to fit a container in a refrigerator, and decide if two shoes in different positions are a pair.

*Douglas Clements*

*Kennedy Endowed Chair in Early Childhood Learning, executive director of the Marsico Institute for Early Learning and Literacy, and Distinguished University Professor, University of Denver*

## About the Author-Illustrator

Grace Lin is a *New York Times* best-selling author and National Book Award finalist who has won a Caldecott Honor, a Newbery Honor, and a Theodor Seuss Geisel Honor. [www.gracelin.com](http://www.gracelin.com)



## Math Activities

Explore spatial sense with these activities!

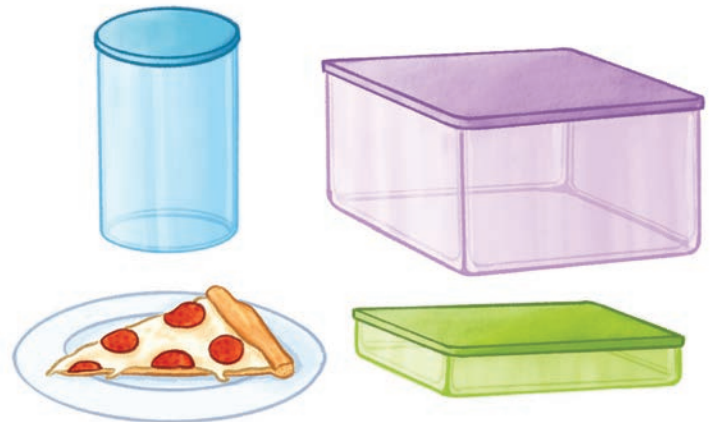


### Piggy Bank

Cut a slot about  $1\frac{1}{4}$ " x  $2\frac{1}{4}$ " (about 3 cm x 5.5 cm) in the lid of an empty oatmeal container. Snap the lid back on. Gather a few small items—some that fit through the slot and some that are a little too large. As children investigate what fits, draw their attention to sizes and positions. "The crayon doesn't fit when it's sideways. What will happen if you turn it?"

### Save it for Later

Got leftovers? Put them on the table with a few clear plastic containers of different sizes and shapes. Invite children to predict which containers are too small to hold the leftovers, which are way too big, and which are about right. Then experiment together to find the container that works best.



### Find a Fit

Gather a few plastic cups of different sizes and encourage children to explore what fits inside them. "Could that green ball fit inside the red cup?" "Do you think your hand could fit inside that tiny cup?" Try it and see!

### Shake It!

Talk about *empty*, *half*, and *full* as you make a shaker together. You'll need a clear plastic container with a very secure lid, a bowl of dried beans, and a scoop. Help children scoop beans into the container until it is about half full. Secure the lid and invite children to shake the shaker to music!

