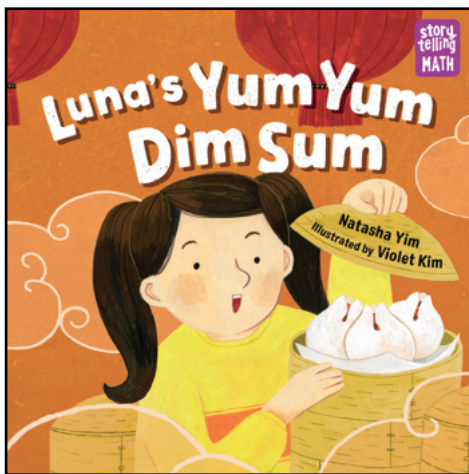


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# Luna's Yum Yum Dim Sum

Math activities by Marlene Kliman, TERC



978-1-62354-130-9 HC  
978-1-62354-199-6 PB  
e-book available

## About the Book

On Luna's birthday the family goes out for Chinese dim sum. There are six fluffy pork buns for Luna and her two brothers to share. But then *splat!* Luna drops one. How can three children share five buns fairly?

## About the Math

As children find ways to divide up amounts fairly, they begin to make sense of division, fractions, and the notion of parts and wholes. For example, as Luna and her brothers look for a way to share equally, they cut buns in half and consider cutting a half into two or three parts. They recognize that half of a half is a small part and that a half divided into three yields even smaller parts.

As children decide how to share, encourage them to explain their thinking. Although they may not yet use the words *division* and *fraction*, they are learning about those concepts!

Angela Chan Turrou  
Senior Researcher and Teacher Educator,  
UCLA Graduate School of Education

## About the Author

Natasha Yim was born in the Year of the Tiger in Malaysia, grew up in Singapore and Hong Kong, and now lives in California. She is the author of many picture books, including *Goldy Luck and the Three Pandas*. Her favorite dim sum is egg custard tarts.

## About the Illustrator

Violet Kim was born in the Year of the Ox in South Korea, studied illustration at Rhode Island School of Design, and now lives in Taiwan. She is the illustrator of *The Little Gray Bunny* and many other picture books. Her favorite dim sum is shrimp dumplings.

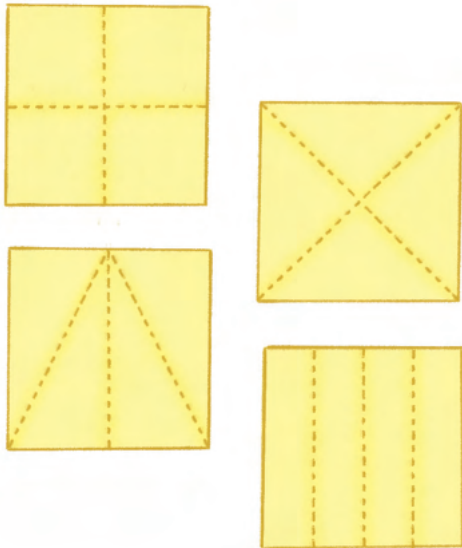


## Math Activities

Explore division and fractions with these activities!

### Dim Sum Division

Invite children to pretend they're at a dim sum restaurant. Put out a plate with fewer bao than people. (The bao can be real or play dough.) Before children take any food, ask them to decide together: "How can we share the buns fairly?" When everyone has agreed, serve and eat!



### Fold into Four

Help children explore dividing by four. Ask: "How many ways can we fold a piece of paper into four equal parts? How can we tell that each part is the same size?" Try it with different-size pieces of paper.

### Half and Half

As you go about the day with children, point out opportunities to find halves:

"How can we cut this sandwich into two equal pieces?"

"Give your cousin half the stickers in the pack."

"How can the two of us divide up the lemonade equally?"

Encourage children to explain their thinking.

