





# Resources and Ideas for Families



## Activities to Try at Home:

- Allow your child the opportunity to practice partitioning rectangles into equal size pieces. For example, if you are making brownies, allow your child to assist in cutting them (with a dull knife! Safety First!). Use paper and have your child fold it into equal size pieces.
- Make estimating objects into a game by guessing how long an object in your house is in inches. Each player makes an estimate and takes turns measuring the objects. For every inch the player is off from the actual length, he gets one point. The person with the lowest score at the end is the winner. Once your child is able to estimate inches, switch to another measurement such as centimeters, feet, and meters.
- Measure and compare objects in your home. For example, compare the shoe of an adult and a child and ask your child, "How many inches greater is the adult's shoe than the child's shoe? How do you know?"

## Check Out These Books!

Below are some suggested books which connect to math content students are learning this cycle.

- *How Tall, How Short, How Far Away* by David Adler
- *How Long or How Wide: A Measuring Guide* by Brian P. Cleary
- *Length* by Henry Arthur Pluckrose
- *Twelve Snails to One Lizard: A Tale of Mischief and Measurement* by Susan Hightower
- *Measuring with Sebastian and Friends: On A Road Trip* by Jill Anderson



# MATH TASK

## Buttons Odd and Even

*Illustrative Mathematics*



6 is even. We can write  $3 + 3 = 6$  to show this.



7 is odd. We can write  $3 + 3 + 1 = 7$  to show this.

- Take 8 buttons (objects) and count them by twos to determine if there is an even or odd amount. Write an equation showing if it is even or odd.
- Take 13 buttons (objects) and count them by twos to determine if there is an even or odd amount. Write an equation showing if it is even or odd.
- Take 18 buttons and count them by twos to determine if there is an even or odd amount. Write an equation showing if it is even or odd.

Solution: A. 8 is an even number.  $4 + 4 = 8$ ; B. 13 is an odd number.  $6 + 6 + 1 = 13$ ; C. 18 is an even number.  $9 + 9 = 18$