

# MATH at Home

Dear Family,

We are starting a new unit called *Geometry, Fractions, and Probability*. In Chapter 5, we will identify plane shapes, equal parts, and *symmetry*. We will explore probability. In Chapter 6, we will learn about solid shapes.

Love, \_\_\_\_\_

## Vocabulary

### plane shape

A two-dimensional figure.



circle



square



triangle



rectangle

### solid shape

A three-dimensional figure.



sphere



cone



cube



rectangular  
prism



cylinder

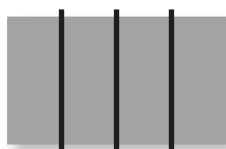
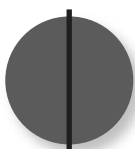
### symmetry

When a figure can be divided in half so that it has two mirrored parts.



### equal parts

When a whole object is divided into two or more parts that are the same size and shape.



## Vocabulary Activities

- Help your child find, describe, and identify plane and solid shapes in your home or neighborhood.
- Give your child a mirror to hold at the middle of a picture to explore mirror images and symmetry.
- Let your child help cut foods into equal parts such as halves.



### Technology

Visit *Education Place* at [eduplace.com/parents/mw/](http://eduplace.com/parents/mw/) for the Math Lingo Game, e • Glossary, and more.

## Literature to Read Together

- **Bear in a Square**  
by Stella Blackstone  
(*Barefoot Books, 1998*)
- **Shapes**  
by Dr. Alvin Granowsky  
(*Copper Beech, 2001*)
- **Eating Fractions**  
by Bruce McMillan  
(*Scholastic, 1991*)

