

Unit 13

Family Letter

Reveal
MATH[®]

Dear Family,

In this unit, Analyze, Compare, and Compose Shapes, we will be learning how to analyze, compare, and compose 2- and 3-dimensional shapes.

STEM Career Kid for this Unit

Hi, I'm Erik.

Hello! My name is Erik, and I want to be a video game designer. Video game designers use math when they use shapes in the video games they create.



What math terms will your child use?

Term	Student Understanding
2-dimensional	a figure that has length and width, but not height
3-dimensional	a figure that has length, width, and height
apex	the point on a cone
base	the flat surface on cones and cylinders
build	to construct; to compose a shape out of smaller shapes or materials
face	the flat surfaces that compose a solid shape
flat shape	another name for a 2-dimensional shape
side	the line segments that compose a flat shape
solid shape	another name for a 3-dimensional shape
vertex	the mathematical term for corner; the plural form is <i>vertices</i>



What can your child do at home?

Encourage your child to identify 2- and 3-dimensional shapes in your home or community. For example, have your child identify shapes at the park or while out on a walk.

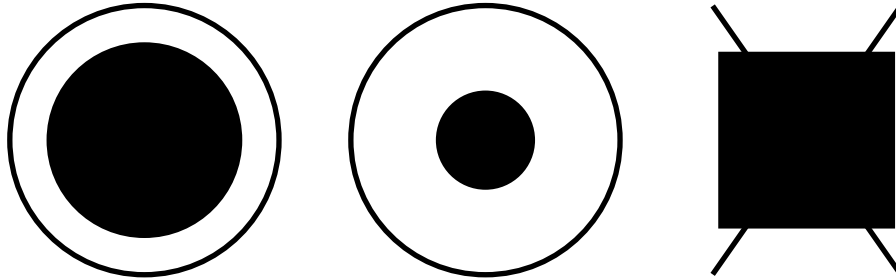
What Will Students Learn in this Unit?

Comparing 2-Dimensional Shapes

Your child will learn how to tell whether 2-dimensional shapes are alike or different. Encourage your child to look at the sides of the figures when trying to identify two shapes that are the most alike and different.

Example:

Circle the two shapes that are the most alike and draw an X on the shape that is different.



Representing Shapes Found in the World

Your child will also learn to represent shapes in the world by drawing or building. Encourage your child to explain how he or she can represent shapes seen throughout his or her day.

Example:

Use clay or other objects to represent the shape in the picture. Circle the shape you made.

