



# Family Letter for Unit 6

Dear Family,

During the next few weeks, our math class will be learning about geometry and measurement.

You can expect to see work that provides practice with identifying and classifying plane and solid figures as well as work with finding area, perimeter, and volume.

As we learn about area and perimeter, you may wish to use the following as a guide.

## Vocabulary

**line** A straight path that goes on forever in opposite directions.

**angle** A figure formed by two rays with the same endpoint.

**polygon** A simple, closed plane figure made up of three or more line segments.

**similar figures** Figures that have the same shape, but not necessarily the same size.

**symmetry** A figure has symmetry if it can be folded along a line so that the two parts match exactly.

**volume** The number of cubic units that fit inside a solid figure.

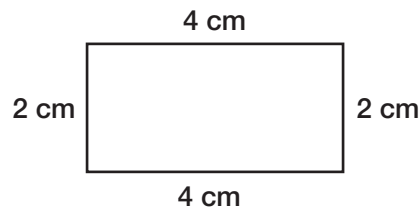
### Finding the Perimeter and Area of a Figure

Look at the figures below.

To find the **perimeter** of the rectangle, add the lengths of the sides.

$$2 + 4 + 2 + 4 = 12$$

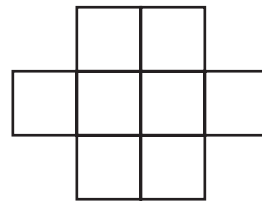
The perimeter is 12 centimeters.



To find the **area** of the octagon, count the square units. There are 8 whole square units. There are 4 half square units.

$$8 + 2 = 10$$

The area is 10 square units.



Knowing about geometric figures will help students understand the geometry that is all around them.

Sincerely,

Your Child's Teacher



### Technology

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