

Name _____

Geometric Measurement: Classify Two-Dimensional Figures

Topic 16 Standards

5.G.B.3., 5.G.B.4

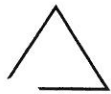
See the front of the Student's Edition for complete standards.

Dear Family,

In this topic, your student is continuing to develop his or her understanding of geometry. Your student will be able to classify two-dimensional shapes in a hierarchy based on properties. He or she will understand that attributes belonging to a category of two-dimensional figures also belong to all subcategories of that category.

Help your student reinforce his or her ability to identify two-dimensional shapes by completing the following activity together.

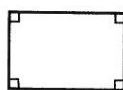
The Presence of Polygons



triangle



square



rectangle



rhombus



parallelogram



trapezoid

Step 1 Discuss the properties of the six polygons shown. Have your child identify pairs of parallel sides, number and types of angles, and then discuss what makes each figure unique.

Step 2 Have your child find an example of each polygon inside or outside of your home.

Step 3 Have him or her place a checkmark on the figure on this page to record that the polygon has been found. Below each figure, ask him or her to briefly describe where the example of the polygon was found. Continue this activity until all the polygons are checked.

Observe Your Child

Focus on Mathematical Practice 7

Look for and make use of structure.

Help your child become proficient with Mathematical Practice 7. As you look for and identify real-world objects that resemble each polygon, compare selected items. For example, hold up objects that resemble a square and a trapezoid. Discuss how these shapes are similar to and different from each other.