



MATH TODAY



Grade 3, Module 7, Topic B

3rd Grade Math

Module 7: Geometry and Measurement Word Problems

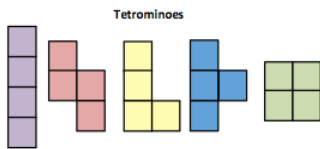
Math Parent Letter

This document is created to give parents and students a better understanding of the math concepts found in the Engage New York material which is taught in the classroom. Module 7 of Engage New York covers practice with word problems, as well as hands-on investigation experiences with geometry and perimeter. This newsletter will discuss Module 7, Topic B.

Topic B: Attributes of Two-Dimensional Figures

Vocabulary Words

- Attribute: any characteristic of a shape, including properties and other characteristics.
- Classify: to put things into groups
- Polygon: a closed figure with three or more straight sides
- Tetrominoes: four squares arranged to form a shape so that every square shares at least one side with another square



Focus Area- Topic B

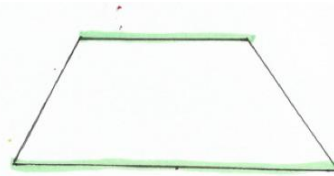
Attributes of Two-Dimensional Figures

Students will learn that different shapes have shared attributes that can fall into a larger category. For example: any quadrilateral can be decomposed into two triangles.

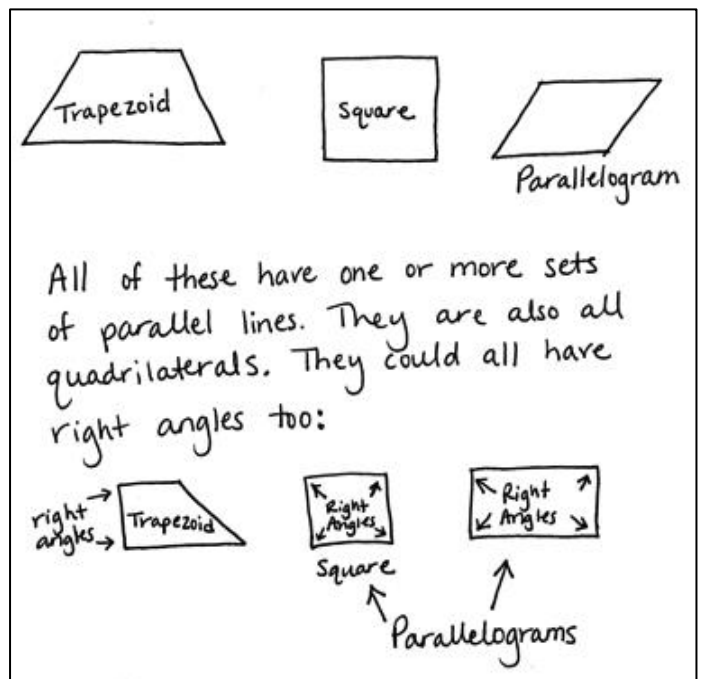
Students will have to draw polygons with specified attributes to solve problems.

Example:

Draw a quadrilateral with at least 1 set of parallel sides.



Name at least two attributes that a trapezoid, a square, and a parallelogram all have in common. Draw a diagram to support your answer.



Home and School Connection Activities:

1. Find examples of quadrilaterals and other polygons around the house or while out
2. Create a tangram puzzle and observe relationships among the shapes.
3. Ask your student about the attributes of basic shapes that you encounter (how many sides, are the angles equal, are the sides the same length, are they parallel, etc.).