



## 2<sup>nd</sup> Grade Math

### Module 8: Time, Shapes, and Fractions as equal Parts of Shapes

#### Math Parent Letter

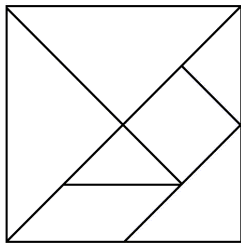
This document is created to give parents and students a better understanding of the math concepts found in Eureka Math (© 2013 Common Core, Inc.) that is also posted as the Engage New York material which is taught in the classroom. Module 8 of Eureka Math (Engage New York) covers time, shapes and fractions as equal parts of shapes. This newsletter will discuss Module 8, Topic B.

#### Topic B: Composite Shapes and Fraction Concepts

#### Words to Know:

**Polygon:** closed figure with three or more straight sides, e.g., triangle, quadrilateral, pentagon, hexagon

**Quadrilateral:** four-sided polygon, e.g., square, rhombus, rectangle, parallelogram, trapezoid



Tangram

### OBJECTIVES OF TOPIC B

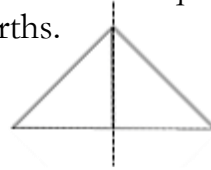
Combine shapes to create a composite shape; create a new shape from composite shapes.

Interpret equal shares in composite shapes as halves, thirds, and fourths.

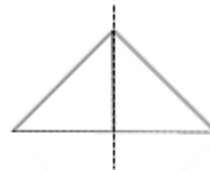
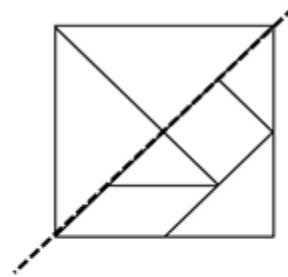
## Focus Area– Topic B

### Fractions, equal parts

Students will use a tangram, with seven shapes to create composite shapes, and understand that they can be divided into two-dimensional same shape, whole, or composite. For example, a square can be made from two identical trapezoids, two equal parts. Students will name the equal parts halves, thirds or fourths.



of a Composite Shape



### Halves, or 2 Equal Parts

