



MATH NEWS



LAFAYETTE
PARISH SCHOOL SYSTEM

Grade 3, Module 5, Topic F

February 2014

3rd Grade Math

Module 5: Fractions as Numbers on the Number Line

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 5 of Eureka Math (Engage New York) covers Fractions as Numbers on the Number Line. This newsletter will discuss Module 5, Topic F.

Topic F. Compare, Order, and Size Fractions

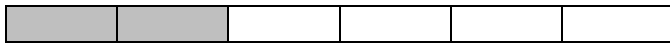
Know your Symbols!!!!

Greater Than >

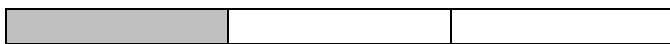
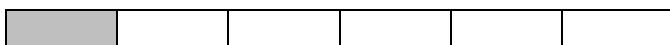
Less Than <

Equal To =

Tape Diagram



1 third = 2 sixths



1 third > 1 sixth (greater than)

1 sixth < 1 third (less than)

Focus Area– Topic F

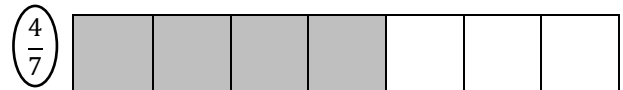
Compare, Order, and Size Fractions

Students will begin to understand the concept of greater than and less than when comparing fractions.

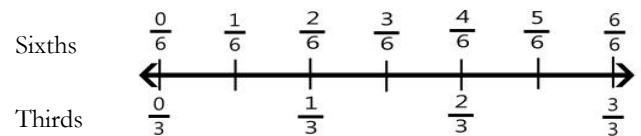
Directions: Draw a model of each fraction and circle the larger fraction.



Directions: Draw a model of each fraction and circle the smaller fraction.



Partition the number line into units and then use the number line to compare.



$$\frac{2}{6} < \frac{2}{3}$$

2 sixths is less than 2 thirds

$$\frac{6}{6} = \frac{3}{3}$$

6 sixths is equal to 3 thirds

$$\frac{5}{6} > \frac{2}{3}$$

5 sixths is greater than 2 thirds

OBJECTIVE OF TOPIC F

- 1 Compare fractions with the same numerator pictorially.
- 2 Compare fractions with the same numerator using <, >, or = and use a model to reason about their size.
- 3 Partition various wholes precisely into equal parts using a number line method.