3ʳᵈ Grade Math

Module 5: Fractions as Numbers on the Number Line
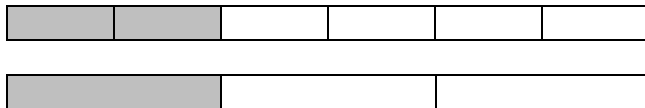
Math Parent Letter

This document gives parents and students a better understanding of the Eureka math concepts that are taught in the classroom. Module 5 of Eureka Math covers Fractions as Numbers on the Number Line. This newsletter will discuss Module 5, Topic F (Lessons 28-30).

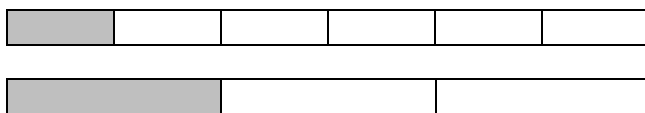Topic F. Compare, Order, and Size Fractions

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)

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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.
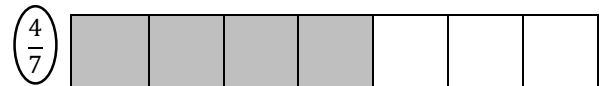
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Focus Area– Topic F

Compare, Order, and Size Fractions

Students will begin to understand the concept of greater than and less than when comparing fractions.
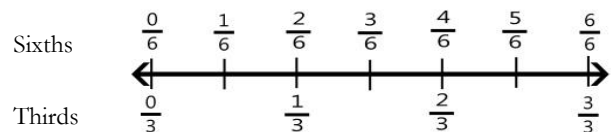
Directions: Draw a model of each fraction and circle the larger fraction.

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