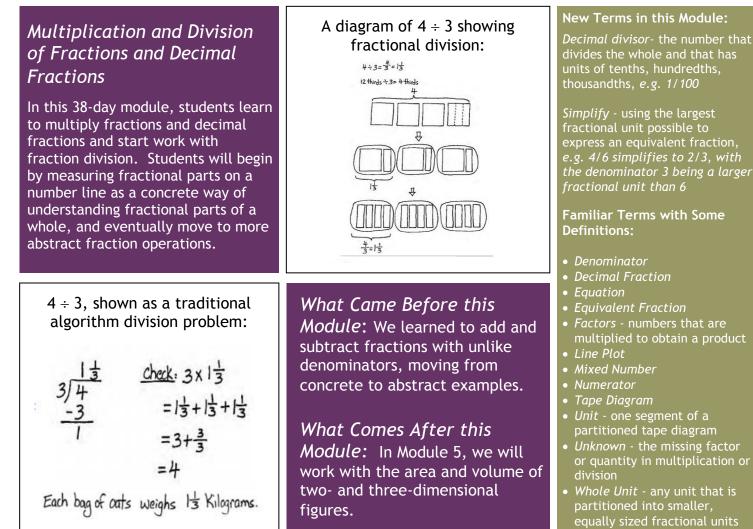
## Eureka Math<sup>™</sup> Tips for Parents

#### Grade 5 Module 4

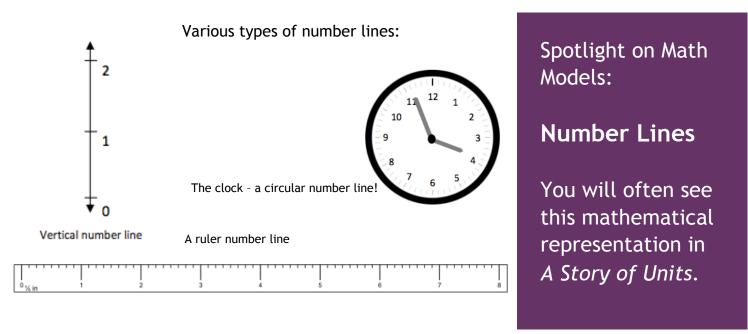


## How you can help at home:

- Continue to practice and review multiplication and division math facts this greatly supports work with fractions!
- Look for opportunities in daily life to discuss both fractional parts of a whole and of other fractions, e.g. What is ¼ of 20? ¼ of ½?

#### Key Common Core Standards:

- Write and interpret numerical expressions.
- Perform operations with multi-digit whole numbers and with decimals to hundredths.
- Apply and extend previous understandings of multiplication and division to multiply and divide fractions.
- Convert like measurement units within a given measurement system.
- Represent and interpret data.



# A Story of Units has several key mathematical "models" that will be used throughout a student's elementary years.

The number line is a powerful, flexible model that students can use in many ways. In this particular module, students begin to understand the idea of fractions as division by marking a ruler or line plot with  $\frac{1}{2}$ ,  $\frac{1}{4}$ , and  $\frac{1}{8}$  increments.

The number line is used beginning in Kindergarten in *A Story of Units*, and will continue to appear in various forms through 5<sup>th</sup> grade. It is used to develop a deeper understanding of whole number units, fraction units, measurement units, decimals, and negative numbers. Often, the mathematical concepts in an *ASOU* module move from concrete to more abstract, and the number line is an important concrete conceptual step for students of all ages.

