

MATH WITH MARY LEE: FRACTIONS / LESSON OVERVIEW

Objectives

The students will:

- Recognize fractions from whole numbers;
- Understand why fractions are used and when it can be applied to a situation;
- Learn how to identify fractions in halves, thirds, fourths, sixths, and eighths;
- Learn how to add, subtract, multiply, and divide fractions to;
- Develop research skills and use their knowledge of fractions to complete a final activity

Lesson Summary

Part 1. Parts of a Fraction

Students will learn what a fraction is, the different parts of a fraction, and how you write a fraction when looking at a diagram.

Part 2. Fractions and Number Lines

Just like whole numbers fractions too can be expressed on a number line, one of the prime examples on where you will see this is on a ruler.

Part 3. Equivalent Fractions

Students will learn how to find a common denominator of a fractions so it can be simplified. They will also learn how multiple fraction can have different numbers but when simplified they are the same.

Part 4. Addition & Subtractions

Students will discover how to add and subtraction two fractions using a common denominator when necessary.

Part 5. Multiplying & Dividing

Students will learn how to multiply and divide a fraction and a whole number.

Activity 1. Fractions with Mary Lee

This activity will allow students to use the Global Shark Tracker™ to collect information and fill in the activity sheet provided using their knowledge of fractions. Students may work individually or in groups.

Materials

- Computer with internet access.
- Pencil or markers
- Activity sheet (Provided)