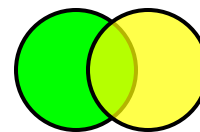


Where in the Venn Are You?



Strand A: Number Sense, Concepts, and Operations

Benchmark MA.A.1.2.4: The student understands that numbers can be represented in a variety of equivalent forms using whole numbers, decimals, fractions, and percents.

Grade Level Expectations: The student:

- understands the relative size of integers, fractions, and decimals and numbers expressed as percents.
- understands that numbers can be represented in a variety of equivalent forms, including integers, fractions, decimals, and percents.

Overview:

In this activity, students will be introduced to Venn diagrams with the infusion of number-sense activities. Students will need prior knowledge concerning equivalent forms of fractions, decimals, and percents.

Materials:

- *Getting to Know You Worksheet (One for Every Three Students)*
- *Getting to Know You Venn Worksheet (One for Every Three Students)*
- *Fraction Venn Worksheet (One for Every Three Students)*
- *Estimating Fractions Worksheet (One per Student)*
- *Benchmark Fractions Worksheet (One for Every Three Students)*

Procedures:

Activity #1

1. Discuss with the students the different types of Venn diagrams.
2. Explain that a Venn diagram is one or more loops that show how a group of numbers, words, or pictures are related. Every loop has a rule. The things in the loop follow that rule. The things outside the loop do not.
3. Explain to the students that when there are two loops that overlap, things that match both rules go in the intersecting part, or where the loops overlap.

