

Fractions on a Number Line— Sums of One

Name: _____

You will make fractions with the same denominator that add up to 1.

EXPLORE

1. Open **Fractions on a Number Line--Sums of One.gsp**. Go to page “Halves.” Choose **Make Fraction** from the Custom Tools menu.

Follow these steps to make a fraction:

- Click a number. This is the numerator.
- Click another number. This is the denominator.
- Click to place the fraction segment on a number line. Your fraction is complete!

If you make a fraction but don't want to keep it, choose **Edit | Undo Make Fraction**.

2. Use the **Make Fraction** tool to make fractions with a denominator of 2 that add up to 1. Write number sentences below for each way that you find.

3. Go to page “Thirds.” Use the **Make Fraction** tool to make fractions with a denominator of 3 that add up to 1. Write number sentences below for each way that you find

4. Go to page “Fourths.” Use the **Make Fraction** tool to make fractions with a denominator of 4 that add up to 1. Write number sentences below for each way that you find.

5. Go to page “Fifths.” Use the **Make Fraction** tool to make fractions with a denominator of 5 that add up to 1. Write number sentences below for each way that you find.

6. Go to page “Sixths.” Use the **Make Fraction** tool to make fractions with a denominator of 6 that add up to 1. Write number sentences below for each way that you find.

7. Explain how you figured out what fractions add up to 1.
