FRACTION CONCEPTS

A fraction is part of a whole. It is made up of a numerator and a denominator.	4 Whole
The numerator represents the number of parts of the whole being identified.	$\frac{3}{8}$ numerator
The denominator represents the total number of equal parts created from the whole.	3 1 6 7 8 → denominator
Fractions can be represented different ways:	Area model: 3 4
	Set model:
	Length model: Bar \frac{3}{4}
	Number line: 3/4
An equivalent fraction is a way to describe the same amount using different sized fractional parts.	= = = = = = = = = = = = = = = = = = = =

To determine the fraction's denominator on a number line, count the equal spaces made (not 6 equal spaces means each space = the tick marks). If a tick mark is missing, add one so that all spaces between marks are equal. equal Not equal so add tick mark 1/4+1/4+1/4 A unit fraction is one in which the numerator is 1. It shows 1 part of the whole. A fraction that is one unit away i away from the whole has a numerator 1 whole less than the denominator. Large Pizzas To compare two fractions, they both must be parts of the same size whole. You can't compare 1/2 of a donut with 1/4 of a pizza. 1/4 4 Benchmark fractions should be readily identified. Then other fractions can be located to the left 1/4 1/2 or right of them on a number line. 0, 1/4, 1/3, 1/2, 2/3, 3/4, 1 2/3 1/3 one-half Know the equivalent fractions for 1/2. Compare to 1/2. Are they < 1/2, equal to half, or > than 1/2?