FRACTION STRIPS

Can you eat $\frac{1}{2}$ of a pizza by yourself? Yes? No? The answer should be… It depends. What if the pizza is a 6″ personal pizza? What if it is the world record longest pizza that was 1.3 miles long and used 20,000 pounds of dough?

One of the things that can make fractions seem tricky is that a fraction is only meaningful if you know what the whole is.

Let's start by making a fraction strip chart. Each strip is subdivided into 16 sections to make drawing the appropriate size pieces easier.

Label each part with the appropriate fraction symbol.

	ONE WHOLE
Draw a heavy line that splits this strip into two equal parts.	
Create fourths with this strip.	
Create eighths with this strip.	
Create sixteenths with this strip.	

Use the strips to answer the questions on the following page.

Use <, =, or > in each blank.

$\frac{3}{4}$ $\frac{3}{8}$ $\frac{3}{16}$ $\frac{1}{4}$ $\frac{5}{16}$ $\frac{1}{2}$

$\frac{4}{8}$ $\frac{1}{2}$ $\frac{4}{8}$ $\frac{5}{8}$ $\frac{1}{4}$ $\frac{3}{16}$

Use the fraction strip chart to fill in the blanks.

$\frac{1}{2} = \frac{\_}{4}$ $\frac{4}{\_} = \frac{2}{4}$ $\frac{3}{4} = \frac{6}{\_}$

$\frac{\_}{8} = \frac{12}{16}$ $1 = \frac{\_}{8}$ $\frac{4}{4} = \frac{16}{\_}$

List all the fractions on the fraction strip chart that are equal to $\frac{3}{4}$.

How many $\frac{1}{8}$ pieces will fit in $\frac{3}{4}$?

How much longer is $\frac{3}{4}$ than $\frac{3}{8}$?

How long is $\frac{3}{16}$ plus $\frac{3}{8}$?