Fractions: parts, wholes and comparisons name:_____

Go to https://www.mathplayground.com/tb_fractions/index.html

1. Do a few **find a part** problems. Show how to solve the following problem using this strategy:

Allison made 60 cookies; 7/12 of the cookies were sugar cookies and the rest were chocolate chip. How many were sugar cookies?

2. Do a few **find the total** problems. Show how to solve the following problem using this strategy:

The drama club sold 36 cupcakes at the bake sale. The cupcakes were 4/9 of the total items sold at the bake sale. How many items did they sell?

3. Do a few **find the other part** problems. Show how to solve the following problem using this strategy:

Chad spent 5/8 of his money on concert tickets. He has $120 left. How much did he spend on the tickets?

Now use the fraction bars:

https://www.mathplayground.com/Fraction_bars.html to compare these pairs of fractions.

What do you notice about all of these pairs that makes one larger than the other? (Without finding a common denominator, what do you notice about the size of the fraction bars that would help you figure out which is larger)?	What do you notice about all of these pairs that makes one larger than the other? (Without finding a common denominator, what do you notice about the size of the fraction bars that would help you figure out which is larger)?
$\frac{1}{7}$ $\frac{1}{8}$ $\frac{1}{15}$ $\frac{1}{14}$ $\frac{2}{9}$ $\frac{2}{10}$ $\frac{3}{11}$ $\frac{3}{10}$ $\frac{7}{16}$ $\frac{7}{15}$ $\frac{2}{11}$ $\frac{2}{13}$	$\frac{6}{7}$ $\frac{7}{8}$ $\frac{14}{15}$ $\frac{13}{14}$ $\frac{8}{9}$ $\frac{9}{10}$ $\frac{9}{11}$ $\frac{8}{10}$ $\frac{14}{16}$ $\frac{13}{15}$ $\frac{9}{11}$ $\frac{11}{13}$