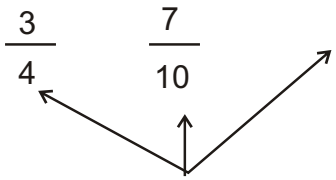
Greater Or Lesser?

How do you compare two different fractions to see which one is larger? What is larger, $\frac{3}{4}$ or $\frac{7}{10}$?

EXAMPLE:



1) Find the least common multiple of 4 and 10 by making a list of their multiples.

4 - 4, 8, 12, 16, 20, 24, 28

10 - 10, 20, 30, 40

20 is the smallest number that 10 and 4 have in common. therefore, it is the least common multiple!

2) Rewrite the original problem like this:

$\frac{3}{4}$ $\quad$ $\frac{7}{10}$

You had to multiply 4 by 5 to get 20.

You had to multiply 10 by **2** to get twenty.

$\frac{15}{20} > \frac{14}{20}$

Multiply this number with the numerator to get your new numerator.

Multiply this number with the numerator to get your new numerator.

Directions: Use, < > or = to express which fraction is greater than, lesser than, or equal to. You will have to find a common denominator to compare values.

1) $\frac{5}{6} \bigcirc \frac{2}{6}$

2) $\frac{5}{12} \bigcirc \frac{3}{10}$

3) $\frac{9}{10} \bigcirc \frac{18}{20}$

4) $\frac{3}{7} \bigcirc \frac{2}{5}$

5) $\frac{9}{15} \bigcirc \frac{2}{6}$

6) $\frac{8}{16} \bigcirc \frac{6}{13}$

7) $\frac{5}{40} \bigcirc \frac{6}{60}$

8) $\frac{6}{14} \bigcirc \frac{7}{21}$

9) $\frac{1}{3} \bigcirc \frac{2}{6}$

10) $\frac{9}{11} \bigcirc \frac{17}{22}$

11) $\frac{23}{100} \bigcirc \frac{12}{50}$

12) $\frac{80}{125} \bigcirc \frac{360}{500}$