

FRACTIONS: REDUCING TO COMMON DENOMINATOR

Which is greater?

$\frac{4}{5}$ or $\frac{1}{6}$

1.- Reduce to common denominator:

$\frac{2}{5}$ and $\frac{3}{20}$ \longrightarrow — and —

5	20	5 =
		20 = .
		LCM (5, 20) =

$\frac{5}{12}$ and $\frac{7}{18}$ \longrightarrow — and —

12	18	12 = .
		18 = .
		LCM(12,18) =

$\frac{11}{24}$ and $\frac{13}{32}$ \longrightarrow — and —

24	32	24 = .
		32 = .
		LCM(24,32) =

2.- Drag the fractions to reduce to common denominator:

$\frac{3}{4}$, $\frac{5}{6}$ and $\frac{1}{15}$ \longrightarrow — , — and —

$\frac{50}{60}$, $\frac{45}{60}$, $\frac{4}{60}$

3.- Reduce to common denominator:

$$\frac{2}{5}, \frac{4}{15} \text{ and } \frac{3}{10} \longrightarrow - , - \text{ and } -$$

$$\frac{1}{2}, \frac{1}{5} \text{ and } \frac{1}{4} \longrightarrow - , - \text{ and } -$$

4.- Compare these pairs of fractions and choose "<", ">" or "=":

a) $\frac{4}{5}$ $\frac{2}{5}$

b) $\frac{2}{5}$ $\frac{3}{10}$

c) $\frac{4}{7}$ $\frac{8}{14}$

d) $\frac{1}{8}$ $\frac{1}{7}$

e) $\frac{2}{9}$ $\frac{4}{6}$

f) $\frac{5}{12}$ $\frac{3}{8}$