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* $-$

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

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3.- Reduce to common denominator:

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

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

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

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