

FRACTIONS: REDUCING TO COMMON DENOMINATOR

Which is greater?

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

1.- Reduce to common denominator:

$$\frac{2}{5} \text{ and } \frac{3}{20} \longrightarrow - \text{ and } -$$

5 |

20 |

5 =

20 = .

LCM (5, 20) =

$$\frac{5}{12} \text{ and } \frac{7}{18} \longrightarrow - \text{ and } -$$

12 |

18 |

12 = .

18 = .

LCM(12,18) =

$$\frac{11}{24} \text{ and } \frac{13}{32} \longrightarrow - \text{ and } -$$

24 |

32 |

24 = .

32 =

LCM(24,32) =

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

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

$\frac{50}{60}$

,

$\frac{45}{60}$

,

$\frac{4}{60}$

3.- Reduce to common denominator:

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

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

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