Fraction Test Review: Name:_____

Test on Thursday!

1.) Be able to reduce a fraction to lowest term by dividing the numerator and denominator by the GCF (or multiple times by a like factor).

2.) Be able to find an equivalent fraction by seeing what happened to the numerator or denominator and doing the same operation to the missing part of the fraction.

3.) Be able to change a mixed number to an improper fraction.

4.) Be able to change an improper fraction to a mixed number.

5.) Be able to find the decimal equivalent of benchmark fractions (basic fractions).

6.) Be able to compare two fractions (>, <, or =) using cross multiplication or finding a common denominator.

7.) Be able to put a set of fractions in order (least to greatest or greatest to least) using a fraction tournament and number sense.

1.) Be able to reduce a fraction to lowest term by dividing the numerator and denominator by the GCF (or multiple times by a like factor).

Ex: $\frac{18 \div 6}{24 \div 6} = \boxed{\frac{3}{4}}$ OR Ex: $\frac{18 \div 2}{24 \div 2} = \frac{9 \div 3}{12 \div 3} = \boxed{\frac{3}{4}}$

2.) Be able to find an equivalent fraction by seeing what happened to the numerator or denominator and doing the same operation to the missing part of the fraction.

Ex: $\frac{7}{9} \overset{\times 4}{=} \frac{\boxed{28}}{36}$ OR $\frac{8}{12} \overset{\div 2}{=} \frac{4}{\boxed{6}}$

3.) Be able to change a mixed number to an improper fraction.

$2\frac{3}{4} = \frac{11}{4}$ (denom. stays same)

mult. denom. by whole # and add the numer. - keep denom. the same

4.) Be able to change an improper fraction to a mixed number.

Tip: Divide $\frac{13}{5} = 5\overline{)13}$ R 3 $= 2\frac{3}{5}$ ← reduce if able

13 − 10 = 3 ← write remainder as a fraction

5.) Be able to find the decimal equivalent of benchmark fractions (basic fractions).

$\frac{1}{4} = \boxed{0.25}$ $\frac{3}{10} = \boxed{0.3}$

6.) Be able to compare two fractions (>, <, or =) using cross multiplication or finding a common denominator.

$\frac{3}{5} \; ? \; \frac{2}{3}$ (9, 10) OR $\frac{1}{5} \; ? \; \frac{2}{9}$ → $\frac{9}{45}$? $\frac{10}{45}$

7.) Be able to put a set of fractions in order (least to greatest or greatest to least) using a fraction tournament and number sense.

L → G

$\frac{3}{4}, \frac{2}{5}, \frac{7}{9} = \boxed{\frac{2}{5}, \frac{3}{4}, \frac{7}{9}}$

15 $\frac{3}{4}$ vs. 12 $\frac{2}{5}$ → 18 $\frac{2}{5}$ vs. 35 $\frac{7}{9}$ → Least

Now battle $\frac{3}{4}$ vs. $\frac{7}{9}$

27 $\frac{3}{4}$ × 28 $\frac{7}{9}$

2nd Least, Greatest