Fraction Test Review: Name:_____

* Test on Thurs. *

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: $\frac{18}{24}$ OR = Ex: $\frac{18}{24}$

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: $\frac{7}{9} = \frac{\square}{36}$ OR $\frac{8}{12} = \frac{4}{\square}$

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

$2\frac{3}{4} =$

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

$\frac{13}{5} =$

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

$\frac{1}{4} =$ $\frac{3}{10} =$ $\frac{2}{5} =$

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

$\frac{3}{5} \bigcirc \frac{2}{3}$ OR $\frac{1}{5} \bigcirc \frac{2}{9}$

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

Math Test Review Continued

8. Be able to divide a three or four digit dividend by a one or two digit divisor.

Ex: $6\overline{)812}$ $59\overline{)5,487}$

9. Be able to identify the GCF of two or more numbers.

Ex: 7 and 14 12 and 16

10. Be able to identify the LCM of two or more numbers.

Ex: 4 and 8 5 and 7

Fraction Quiz Review: Name:

Quiz 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).

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 <u>same operation</u> to the missing part of the fraction.

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

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

$2\frac{3}{4}$ ($8 + 3$; stays same) $= \boxed{\frac{11}{4}}$ 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 $\frac{13}{5} = 5\overline{)13}$ → 2 R 3, -10, 3 → $\frac{3}{5}$ → $\boxed{2\frac{3}{5}}$ ← reduce if able

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.

$\frac{3}{5}$ (9) $\bigcirc\!\!<$ (10) $\frac{2}{3}$ OR $\frac{1}{5} \to \frac{9}{45}$ $\bigcirc\!\!<$ $\frac{2}{9} \to \frac{10}{45}$

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 $\frac{2}{5}$ → $\frac{2}{5}$

18 $\frac{2}{5}$ vs. 35 $\frac{7}{9}$ → $\frac{2}{5}$ Least

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

27 $\frac{3}{4}$ vs. 28 $\frac{7}{9}$

2nd Least, Greatest