Name:_____ Hour: _____ Date: _____

NOTES: LCD Review

Goals: #1 – I can find the least common denominator (LCD) of a pair of fractions.

Homework: Pretest Corrections

😎   😬   😢

Warm Up:

1. Find the <u>greatest common factor (GCF)</u> of 84 and 180.

2. Find the <u>least common multiple (LCM)</u> of 12 and 35.

Exploration #1: Work with a partner and add/subtract the following fractions.

1. $\frac{1}{5} + \frac{2}{5}$ 2. $\frac{5}{7} - \frac{1}{3}$ 3. $\frac{1}{4} + \frac{1}{6}$

Notes:

When adding and subtraction fractions with *unlike* denominators, we need to find a

_____ of the two fractions.

The _____ of two fractions is the

_____of their denominators.

    Example:

Example #1: Find the least common denominator (LCD) of the pair of fractions.

    a. $\frac{5}{8}, \frac{1}{6}$ b. $\frac{1}{6}, \frac{3}{10}$

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Let's practice! Find the least common denominator (LCD) of the pair of fractions.

1. $\frac{1}{3}$, $\frac{11}{12}$

2. $\frac{4}{9}$, $\frac{7}{12}$

3. $\frac{3}{4}$, $\frac{9}{70}$

4. $\frac{7}{10}$, $\frac{13}{24}$