Name:_____ Hour: _____ Date: _____

NOTES: Fraction Review

Goals: #1 – I can add/subtract fractions with common denominators.

#2 – I can add/subtract fractions with unlike denominators.

#3 – I can multiply/divide fractions.

😎 😬 😥

Homework: All About Fractions Review Worksheet

Warm Up:

1. Add/subtract the following fractions. Write the answer as a fraction or a mixed number in simplest form.

    a. $\frac{5}{12} + \frac{3}{12}$

    b. $\frac{4}{9} - \frac{1}{9}$

2. Find the <u>least common denominator (LCD)</u> of $\frac{1}{3}$, $\frac{8}{17}$

3. Write $3\frac{2}{5}$ as an improper fraction.

Review:

When adding and subtraction fractions with <u>*unlike*</u> denominators, we need to find a

_____ of the two fractions.

The _____ of two fractions is the

_____of their denominators.

Example:

Name:_____ Hour: _____ Date: _____

Example #1: Add or subtract. Write the answer as a fraction or a mixed number in simplest form.

a. $\frac{7}{10} + \frac{1}{3}$

b. $4\frac{3}{8} - 2\frac{5}{6}$

Let's practice! Add or subtract. Write the answer as a fraction or a mixed number in simplest form.

1. $\frac{15}{24} - \frac{7}{12}$

2. $\frac{3}{7} + \frac{3}{4}$

3. $4\frac{5}{8} - 1\frac{3}{16}$

4. $9\frac{2}{5} + 3\frac{1}{3}$

Name:_____ Hour: _____ Date: _____

Warm Up:

1. Find the <u>least common denominator (LCD)</u> of $\frac{5}{8}$, $\frac{9}{14}$

2. Add or subtract. Write the answer as a fraction or a mixed number in simplest form.

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

Exploration #1: Multiply or divide. Write the answer as a fraction or a mixed number in simplest form.

   a. $\frac{3}{4} \times 2$ b. $\frac{1}{3} \times \frac{1}{3}$

   c. How do you write the number 16 as a fraction? The number 4 as a fraction?

   d. $16 \div 4$

Notes:

Multiplying and dividing fractions is actually simpler than adding and subtracting fractions

because we _____ need common denomiators.

Name:_____ Hour: _____ Date: _____

To multiply two fractions, _____ the _____

and _____ the _____.

    Example:

To divide two fractions, _____ by its _____.

    Example:

To find the _____ of a number, write the number as a fraction.

Then _____ the _____ and _____.

    Example:

Example #2: Multiply or divide. Write the answer as a fraciton or a mixed number in simplest form.

    a. $\frac{3}{4} \times \frac{5}{6}$
                                                 b. $2\frac{1}{2} \div 4\frac{1}{6}$

Let's practice! Multiply or divide. Write the answer as a fraciton or a mixed number in simplest form.

    1. $\frac{5}{8} \times \frac{4}{15}$
                                                 2. $\frac{4}{5} \div \frac{2}{3}$

    3. $3 \times 2\frac{5}{9}$
                                                4. $7\frac{1}{5} \div 2\frac{1}{4}$