Lesson 2.2 – Compare Mixed Numbers

**Standard:** *Number Sense 1.1*– Compare and order positive and negative fractions, decimals, and mixed numbers and place them on a number line.

**Objective:** Students will be able to find common denominators and

rename MIXED fractions. Then use these new fractions to order and compare.

**Vocabulary:**

**Mixed Number** –

 **Example** –

**Proper fraction** –

 **Example** -

**Improper fraction** –

 **Example** -

**Example 1: Rename IMPROPER FRACTION as a MIXED NUMBER (& Proper Fraction)** $\frac{27}{5}$

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| **Step 1:** $Divide 5 into 27$ |
| **Step 2**: Take the remainder and place it above the denominator. |

**Practice:**

**1.)** $\frac{23}{6}$ **2.)** $\frac{39}{8}$ **3.)** $\frac{15}{7}$

**4.)**$ \frac{21}{20}$ **5.)** $\frac{99}{4}$ **6.)** $\frac{58}{21}$

**Example 2: Rename MIXED NUMBER as an improper fraction** $5\frac{1}{3}$

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| **Step 1:** Multiply the whole number with the denominator.**Step 2:** Add the product to the numerator.**Step 3:** The sum becomes the numerator.**Step 4:** Place the denominator under the new numerator.**Macintosh HD:Users:kyleyanogoss:Downloads:Screen Shot 2012-11-14 at 3-1.37.56 PM.png****Think**: M.A.D. (Multiply, Add, Denominator) |

Practice:

1.) $3\frac{5}{8}$ 2.)$ 1\frac{1}{3}$ 3.)$ 4\frac{5}{16}$

4.) $2\frac{4}{9}$ 5.) $8\frac{6}{7}$