Lesson 4.1 – Multiplying Fractions and mixed numbers

**Standard:** *Number Sense 2.1*– Solve problems involving addition, subtraction, multiplication, and division of positive fractions and explain why a particular operation was used for a given situation.

**Content Objective (Know):** I will know how to multiply fractions and mixed numbers.

**Language Objective (Do):** I will write the steps to multiplying a mixed number on the back of my notes.

**Example 1: Multiply fractions**  x

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| **Step 1**: Multiply the denominators.  **Step 2**: Multiply the numerators.  **Step 3**: Convert improper fractions into mixed numbers if possible.  **Step 4**: Simplify if necessary. |

**Example 2: Multiply mixed numbers 2** x

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| **Step 1**: Covert mixed numbers into improper fractions. (Multiply whole number by the denominator then add the numerator)  **Step 2**: Multiply the denominators.  **Step 3**: Multiply the numerators.  **Step 4**: Convert improper fractions into mixed numbers if possible.  **Step 5**: Simplify if necessary. |

**CFU - Practice:**

**1.)**  x **2.)** x 1 **3.)** x

**4.)** x **5.)** x

**6.)**  x **7.)** x