Lesson 1.3 – Equivalent Fractions

**Standard:** *Number Sense 2.4* – Determine the least common multiple and the greatest common divisor of whole numbers; use them to solve problems with fractions.

**Objective:** Students will be able to identify and create equivalent fractions.

**Vocabulary:**

Equivalent Fractions

**Definition**

**Non-Examples:**

**Examples**:

Simplest Form

**Definition**

**Non-Examples:**

**Examples**:

**Example 1: Write an equivalent fraction for** $\frac{3}{5}$ **.**

|  |  |  |
| --- | --- | --- |
| **Step 1**: Choose a number to multiply with. Let’s use 2.$\frac{3}{5}$ x $\frac{2}{2}$ | **Step 2**: Multiply the NUMERATOR (Top) by 2.$\frac{3}{5}$ $\frac{2}{2}$ $\frac{6}{}$ | **Step 3:** Multiply the DENOMINATOR (Bottom) by 2$\frac{3}{5}$$\frac{2}{2}$$\frac{6}{10}$ |

**Example 2: Write an equivalent fraction for**$ \frac{2}{5}$**.**

|  |  |  |
| --- | --- | --- |
| **Step 1**: Choose a number to multiply with. Let’s use \_\_\_\_\_\_\_\_\_\_.$\frac{2}{5}$ x $\frac{}{}$ | **Step 2**: Multiply the NUMERATOR (Top) by 2.$\frac{2}{5}$ $\frac{}{}$ $\frac{}{}$ | **Step 3:** Multiply the DENOMINATOR (Bottom) by 2$\frac{2}{5}$$\frac{}{}$$\frac{}{}$ |

**Whiteboard – CFU**

**Write an equivalent fraction.**

1.) $\frac{3}{12}$ 2.) $\frac{4}{7}$ 3.) $\frac{16}{24}$ 4.) $\frac{13}{13}$