**Dividing Fractions and Mixed Numbers Guided Notes**

**Example 1: 3 ÷** $\frac{3}{4}$

**Two numbers are \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ if their product equals one.**

**The reciprocal of \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_.**

**3 ÷** $\frac{3}{4}$ **To divide fractions you \_\_\_\_\_\_\_\_\_\_\_\_\_\_ by the reciprocal.**

**Example 2: 3**$\frac{3}{4} ÷$ **2**$\frac{1}{2}$

**Example 3: Kim has 15 lbs of cat food. She want to divide it into** $\frac{3}{4}$ **lb serving sizes. How many servings will she be able to make?**

**Practice**

**Divide**

1. $\frac{12}{25}$$÷$$\frac{3}{5}$
2. $\frac{3}{7}$ **÷** $\frac{7}{8}$
3. **1**$\frac{1}{2}$ **÷ 2**$\frac{1}{3}$
4. **12** $÷ \frac{5}{6}$