**Converting Fractions to Decimals**

**Types of Decimals**

* When converted, fractions can be
  1. Terminating decimals

Example: 3/5 = .6

* 1. Repeating decimals

Example: 1/3 = 5/6 =

**When converting to a decimal…**

* Be sure to look for:
  1. Multiples of 100
  2. Fractions that can be simplified

**Practice:**

3/4 2

9/10 12/18

3/8 3/11

**Mixed Review**

* When *adding and subtracting fractions*, you must find a­­­­\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_ first
  + Mixed numbers must be turned into an ­­­­­­­­­­ \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_
  + For adding negative fractions
    - When the signs are the same: \_\_\_\_\_\_\_\_\_ and keep the sign
    - When the signs are different: \_\_\_\_\_\_\_\_\_\_\_\_\_\_ and keep the sign of the \_\_\_\_\_\_\_\_\_\_\_ number

Create examples here:

* + For subtracting negative fractions:
    - The first fraction \_\_\_\_\_\_\_\_\_\_\_\_\_
    - Change the minus to \_\_\_\_\_\_\_\_\_
    - Change the sign of the second fraction

Create examples here:

* When *multiplying and dividing fractions, one negative fraction and one positive equals a \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_*
  + When multiplying fractions:
    - Multiply the \_\_\_\_\_\_\_\_\_\_ together to get the new numerator
    - Multiply the \_\_\_\_\_\_\_\_\_\_ together to get the new denominator

Create an example here:

* + When dividing fractions:
    - \_\_\_\_\_\_\_\_\_\_\_\_ the second fraction (or find its \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_)
    - Multiply the two fractions

Create an example here: