**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 = $\overbar{.33}$ 5/6 = $.8\overbar{33}$

**When converting to a decimal…**

* Be sure to look for:
	1. Multiples of 100
		+ $\frac{5}{20}=\frac{25}{100}=.25$
	2. Fractions that can be simplified
		+ $\frac{15}{30}$ $=\frac{1}{2}=.5$

**Practice:**

3/4 2 $\frac{1}{8}$

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: