

Name _____

Date _____

Period _____

Fractional Math

Adding Fractions:

1. Remember, to add fractions, the denominators must be the same.

$$\text{Ex: } \frac{3}{4} + \frac{1}{4} = \frac{4}{4} = 1$$

2. You must convert denominators to be able to add. To do so, you must first find a common factor that both numbers go into.

Converting one denominator:

$$\text{Ex: } \frac{1}{2} + \frac{3}{4} = ?$$

First: Find common factor = 2 (because 2 goes into both 2 and 4)

Second: How many times does 2 go into 4? 2

Third: Multiply 2 x 1. This is the common factor multiplied by numerator of the fraction being converted.

The equation would then read: $\frac{2}{4} + \frac{3}{4}$

Fourth: Add the numerators and reduce the fraction.

$$\text{Answer: } \frac{2}{4} + \frac{3}{4} = \frac{5}{4} = 1 \frac{1}{4}$$

Converting Mixed Numeral to Fraction:

1. Multiply the denominator by the whole number.
2. Add the answer to the numerator.

$$\text{Ex: } 1 \frac{1}{4} = 4 \times 1 + 1 = \frac{5}{4}$$