ADDITION OF FRACTIONS

With Like Denominators

When you add fractions, check the denominators. If the fractions have *like* denominators, add the numerators. The denominator stays the same.

Example: $\frac{3}{8} + \frac{1}{8} = \frac{4}{8} = \frac{1}{2}$

With Unlike Denominators

To add fractions with *unlike* denominators you must first make them equivalent. In other words, you must find the *lowest common denominators*.

Example:	$\frac{1}{8} + \frac{1}{4}$	
1st Step	$\frac{1}{8} = \frac{1}{8}$	Write as equivalent fractions with the same denominator
	$\frac{1}{4} = \frac{2}{8}$	Now add the fractions
2nd Step	3 8	The sum is $\frac{3}{8}$