




Topic/Objective: Adding Fractions (Review)	Name: _____ Grade/Subject: _____ Date: ____/____/____ Period: _____
---	--

Essential Question/Main Idea	How do we use the Butterfly Method of Adding or Subtracting Fractions?
-------------------------------------	---

QUESTIONS	NOTES
What is the BowTie or Butterfly method of Adding and Subtracting Fractions?	The Butterfly Method is a "short-cut" of the numbers that you get when using the L.C.D. method of adding or subtracting fractions.
When is it best to use the Butterfly Method?	The Butterfly Method works best for simple fractions
How do I use the Butterfly Method	Suppose that you have the following problem: $\frac{3}{4} + \frac{2}{3}$
Always start in the top left and cross-multiply as shown in Step 1. $3 \times 3 = 9$ $4 \times 2 = 8$	Step 1: Cross-Multiply (Always start at the top left, then bottom left) These will be your Numerators . 
How do I know if I Add or Subtract?	Step 2: If your problem is an Addition problem, then Add the numbers you got from the cross-multiplication. If it was a Subtraction problem, then Subtract. 
What about the bottom numbers?	Step 3: Multiply the denominators...This will be your Denominator . 
Simplify if possible.	Step 4: Simplify your expression if possible

SUMMARY: Write 3 to 4 sentences summarizing what you have learned about this lesson.