## Lesson 12: Sums and Differences of Fractions

* Let’s add and subtract fractions and analyze our strategies.

### Warm-up: Number Talk: Subtract Some Eighths

Find the value of each expression mentally.

### 12.1: Make It True

1. Find the number that makes each equation true. Show your reasoning.
2. Write a sentence to describe your first step for finding the missing number in each equation in the first problem.
	1. First step:
	2. First step:
	3. First step:
	4. First step:
3. Compare and reflect on your first steps with your group. Did you make the same moves?
* Discuss why you might have chosen the same way or different ways to start finding the missing numbers.

### 12.2: To Decompose or Not to Decompose

1. Here are some addition and subtraction expressions. Sort them into two groups based on whether you think it would be helpful to decompose a number to find the value of the expression. Be prepared to explain your reasoning.
	* Not necessary or not helpful to decompose any number:
	* Necessary or helpful to decompose one or more numbers:
2. Choose at least one expression from each group and find their values. Show your reasoning.



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