## Lesson 9: Use Equivalent Expressions

* Let’s use equivalent expressions to add and subtract fractions with unlike denominators.

### Warm-up: True or False: Fraction Addition and Subtraction

Decide if each statement is true or false. Be prepared to explain your reasoning.



### 9.1: Equal Sums

1. Explain or show why each expression is equivalent to .
2. Find the value of the expression . Explain or show your reasoning.

### 9.2: Find the Value of the Difference

1. Find the value of the expression . Explain or show your reasoning.
2. Compare your strategy with your partner’s strategy. What is the same? What is different?

### 9.3: Grow Plants

Jada and Andre compare the growth of their plants. Jada’s plant grew inches since last week. Andre’s plant grew inches. How much more did Jada’s plant grow? Explain or show your reasoning.



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