

**Grade 5 Unit 6**

Lesson 9

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**Unit 6 Lesson 9: Use Equivalent Expressions****WU True or False: Fraction Addition and Subtraction (Warm up)**

## Student Task Statement

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

- $\frac{1}{4} + \frac{2}{4} = \frac{3}{4}$
- $\frac{1}{2} + \frac{1}{4} = \frac{2}{4}$
- $\frac{3}{4} - \frac{1}{2} = \frac{2}{4}$

**1 Equal Sums**

## Student Task Statement

1. Explain or show why each expression is equivalent to  $\frac{2}{3} + \frac{10}{12}$ .
  - $\frac{8}{12} + \frac{10}{12}$
  - $\frac{4}{6} + \frac{5}{6}$
2. Find the value of the expression  $\frac{2}{3} + \frac{10}{12}$ . Explain or show your reasoning.

**2 Find the Value of the Difference**

## Student Task Statement

1. Find the value of the expression  $\frac{16}{12} - \frac{3}{6}$ . Explain or show your reasoning.
2. Compare your strategy with your partner's strategy. What is the same? What is different?

**3 Grow Plants (Optional)**

## Student Task Statement

Jada and Andre compare the growth of their plants. Jada's plant grew  $1\frac{3}{4}$  inches since last week. Andre's plant grew  $\frac{7}{8}$  inches. How much more did Jada's plant grow? Explain or show your reasoning.