NAME_____

Module 6 **Computational Fluency of Fractions**
Lesson 1 **Adding and Subtracting Fractions with Like Denominators**

Lesson Notes 6.1

Lesson Objectives

- Model addition and subtraction of fractions with like denominators using diagrams and/or illustrations of manipulatives.
- Develop and use algorithms to add and to subtract fractions with like denominators.

Subtopic 1 Adding Fractions with Like Denominators

When two or more fractions have the same denominator, they have a _____ _____. They have _____ _____.

Adding Fractions with Like Denominators
• The denominator of the sum is the _____ _____of the addends.
• The numerator of the sum is the sum of the _____ of the addends.
• Write the sum in _____ _____.

1 Mary spent $\frac{1}{10}$ of her allowance on entertainment and $\frac{7}{10}$ of her allowance on school supplies. What part of her allowance did Mary spend altogether?

2 Lacy's pepper plant grew $\frac{7}{16}$ inch last week and $\frac{13}{16}$ inch this week. How much did her pepper plant grow in both weeks?

Subtopic 2 **Subtracting Fractions with Like Denominators**

Subtracting Fractions with Like Denominators

- The denominator of the difference is the _____ _____.
- The numerator of the difference is the difference of the _____ of the fractions being subtracted.
- Write the difference in _____ _____.

Subtract.

3 $\frac{11}{14} - \frac{3}{14}$

4 The distance of a straight line path from Dora's house to school is $\frac{7}{8}$ mile. Dora leaves her house to walk to school. She walks $\frac{1}{8}$ mile of the path. How much farther does Dora have to walk on the path to get to school?