

NAME _____

Module 6 Computational Fluency of Fractions
Lesson 4 Adding and Subtracting Mixed Numbers

Lesson Objectives

- Model addition and subtraction of mixed numbers using diagrams and/or illustrations of manipulatives.
- Develop and use algorithms to add and to subtract mixed numbers.

Subtopic 1 Adding Mixed Numbers

Adding Mixed Numbers

- Write _____ fractions using the LCD.
- Add the _____.
- Add the _____.
- Write the sum in _____.

- 1** On Monday, Carter walked $4\frac{3}{5}$ miles. On Tuesday, he walked $2\frac{3}{5}$ miles. How many miles did Carter walk both days?

2

Jodi hiked up to the mountain peak in $6\frac{1}{2}$ hours. It took her $3\frac{4}{5}$ hours to hike back down to her starting point. How long did she hike altogether?

Subtopic 2

Subtraction of Mixed Numbers

Subtracting Mixed Numbers

- Write the equivalent fractions using the _____, if necessary.
- Subtract the _____. Regroup, if necessary.
- Subtract the _____.
- Write the difference in _____.

3

The Moon Sox baseball team played a doubleheader. The first game was played in $3\frac{1}{4}$ hours. The second game was played in $1\frac{3}{4}$ hours. How much more time did it take to play the first game?

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4 Eva has 5 pounds of potatoes. She uses $3\frac{2}{5}$ pounds of potatoes to make potato salad.
How many pounds of potatoes are left?

5 From a $9\frac{1}{6}$ foot piece of string, Kelly cut off $3\frac{3}{4}$ feet of string. How much string is left?