

NAME _____

Module 6 Computational Fluency of Fractions
Lesson 3 Subtracting Fractions with Unlike Denominators

Lesson Objectives

- Find equivalent fractions.
- Model subtraction of fractions with unlike denominators using diagrams and/or illustrations of manipulatives.
- Develop and use algorithms to subtract fractions with unlike denominators.

Subtopic 1 Model Subtracting Fractions with Unlike Denominators

Solve using a model.

1 When Lakisha left for her trip, her gas tank was $\frac{7}{10}$ full. She used $\frac{3}{5}$ tank of gas before stopping for dinner. What fraction of a tank is left?

2 Roderick buys $\frac{5}{6}$ pound of cherries. He eats $\frac{1}{2}$ pound. What part of a pound of cherries does he have left?

Subtopic 2**Subtracting Fractions Using the LCM/LCD****Subtract Fractions with Unlike Denominators**

- To subtract fractions that have unlike denominators, write equivalent fractions using a _____.
- Then, subtract.
- Write the answer in _____ form.

3

Benjamin needs $\frac{3}{4}$ gallon of paint to finish painting his room. He only has $\frac{2}{5}$ gallon. How much more paint does he need?

4

Sondra has $\frac{5}{6}$ yard of string. She uses $\frac{1}{3}$ yard of the string to tie up papers for recycling. How much string does Sondra have left?