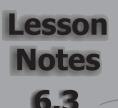
# Module 6Computational Fluency of FractionsLesson 3Subtracting Fractions with Unlike Denominators



#### **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.

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?



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.

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?



3

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?