Lesson 4: Interpreting and Computing Division of a Fraction by a Fraction—More Models

Classwork

Opening Exercise

Write at least three equivalent fractions for each fraction below. Be sure to show how the two fractions are related.



**Example 1**

Molly purchased cups of strawberries. If she eats cups per serving, how many servings does Molly have?

Use a model to prove your answer.

**Example 2**

Now imagine that Xavier, Molly’s friend, purchased cups of strawberries. If he eats cups of strawberries per serving, how many servings will he have? Use a model to prove your answer.

Example 3

Find the quotient: . Use a model to show your answer.

Exercises 1–5

A model should be included in your solution.

Problem Set

Draw a model to support your answer to the division questions.