Classwork

Opening Exercise

Draw a model to represent .

Create a question or word problem that matches your model.

Example 1

Write the expression in unit form, and then draw a model to solve.

Example 2

Write the expression in unit form, and then draw a model to solve.

Example 3

Write the expression in unit form, and then draw a model to solve.

Exercises 1–6

Write an expression to represent each problem. Then, draw a model to solve.

1. How many fourths are in fourths?

Problem Set

Lesson Summary

When dividing a fraction by a fraction with the same denominator, we can use the general rule .

For the following exercises, rewrite the division expression in unit form. Then, find the quotient. Draw a model to support your answer.

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Rewrite the expression in unit form, and find the quotient.

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Represent the division expression using unit form. Find the quotient. Show all necessary work.

1. A runner is mile from the finish line. If she can travel mile per minute, how long will it take her to finish the race?
2. An electrician has meters of wire.
   1. How many strips long can he cut?
   2. How much wire will he have left over?
3. Saeed bought of ground beef. He used of the beef to make tacos and of the remainder to make   
   quarter-pound burgers. How many burgers did he make?
4. A baker bought some flour. He used of the flour to make bread and used the rest to make batches of muffins.   
   If he used of flour making bread and for each batch of muffins, how many batches of muffins did he make?