Lesson 13: Writing Division Expressions

Classwork

Example 1

Write an expression showing without the use of the division symbol.

What can we determine from the model?

Example 2

Write an expression showing without the use of the division symbol.

What can we determine from the model?

When we write division expressions using the division symbol we represent .

How would this look when we write division expressions using a fraction?

Example 3

* 1. Write an expression showing without the use of the division symbol.
  2. Write an expression for divided by the quantity plus.
  3. Write an expression for the quotient of the quantity reduced by and .

Exercises

Write each expression two ways: using the division symbol and as a fraction.

* 1. divided by .
  2. divided by .
  3. divided by .
  4. The quotient of and .
  5. Seven divided by the quantity plus .
  6. divided by the quantity minus .
  7. The sum of the quantity and divided by .
  8. The quotient of the quantity minus and .

Problem Set

1. Rewrite the expressions using the division symbol and as a fraction.
   1. Three divided by .
   2. The quotient of and .
   3. divided by the sum of and .
   4. The quantity minus divided by .
2. Draw a model to show that is the same as .