

## Lesson 13: Writing Division Expressions

### Classwork

#### Example 1

Write an expression showing  $1 \div 2$  without the use of the division symbol.

What can we determine from the model?

#### Example 2

Write an expression showing  $a \div 2$  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**

- Write an expression showing  $a \div b$  without the use of the division symbol.
- Write an expression for  $g$  divided by the quantity  $h$  plus 3.
- Write an expression for the quotient of the quantity  $m$  reduced by 3 and 5.

**Exercises**

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

- 12 divided by 4.
- 3 divided by 5.
- $a$  divided by 4.
- The quotient of 6 and  $m$ .
- Seven divided by the quantity  $x$  plus  $y$ .
- $y$  divided by the quantity  $x$  minus 11.
- The sum of the quantity  $h$  and 3 divided by 4.
- The quotient of the quantity  $k$  minus 10 and  $m$ .