

Keywords for Division



1	Represent dividend, divisor, and quotient.
2	Describe different ways to represent division.
3	Explain ratios.
4	Describe how to determine the average.
5	Highlight the key words concerning division problems.
6	Apply division, ratio, and average problems.
+	with lots of tips, answer keys, and detailed answer explanations for all of the problems.



The complete package, **including all problems**, **hints**, **answers**, **and detailed answer explanations** is available for all sofatutor.com subscribers.







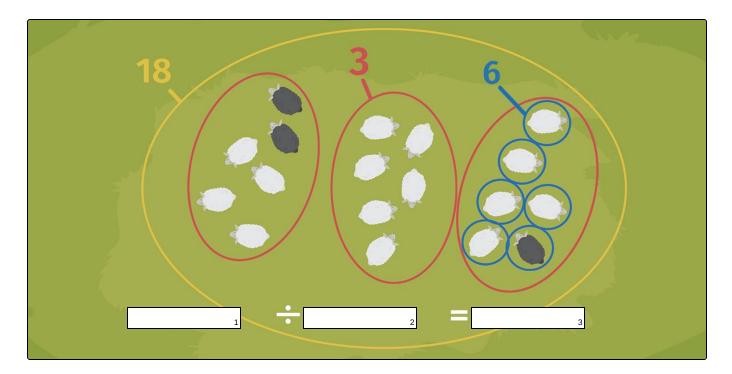
Represent dividend, divisor, and quotient.

Fill in the blanks.

McWoof the sheep herding dog divides the sheep into groups of $\,6\,$ sheep each. The total number of sheep in the herd is 18. So he gets $\,3\,$ groups of $\,6\,$ sheep each. Write down this information using division notation.

 divisor
 sum
 subtrahend
 quotient
 dividend
 minuend
 difference

 product
 summand
 factor





Hints for solving these problems



Represent dividend, divisor, and quotient.

Hint #1

For addition, you have: (summand) + (summand) = (sum).

For subtraction, you have: (minuend) - (subtrahend) = (difference).

Hint #2

For multiplication, you have: (factor) \times (factor) = (product).

Hint #3

The divisor is that which you divide the dividend.

Hint #4

The quotient is the result of a division.



Answers and detailed answer explanations for these problems



Represent dividend, divisor, and quotient.

Answer key: 1: dividend // 2: divisor // 3: quotient

The dog has to divide the herd into groups of 6. 18 sheep belong to the herd. So you get the following division task: $18 \div 6$.

- 18 is the **dividend**, the number you are going to divide.
- 6 is the **divisor**, the number of groups you are going to make.
- The result, the number of groups of 6 sheep made, is the **quotient**. Here it is 3.

So you can remember the following: **dividend** \div **divisor** = **quotient**.

