



What's the Word?

Division Terms

Division Terms

Knowing the basic division terms is very important!

**Understanding
Division Terms**

Division Terms

DIVIDEND:

The number that is being divided is called the dividend.

Division Terms

$$5 \overline{) 485}$$

dividend

A diagram illustrating a division problem. The number 5 is on the left, followed by a vertical bar and a horizontal bar. The number 485 is written inside the horizontal bar. A red circle highlights the number 485. An arrow points from the word 'dividend' to the circled number 485.

In this problem, 485 is being divided by 5. So 485 is the dividend.

Division Terms

DIVISOR:

**The number that is divided by
is called the divisor.**

Division Terms

Let's look at the last problem again.

divisor 

$$5 \overline{) 485}$$

We're looking for how many times 5 can be divided into 485. So 5 is the divisor.

Division Terms

QUOTIENT:

The number of times the divisor goes into the dividend.

Division Terms

Let's look at 485 divided by 5 again.

$$\begin{array}{r} 97 \\ \hline 5 \overline{) 485} \\ \underline{-45} \\ 35 \\ \underline{-35} \\ 0 \end{array}$$

quotient

5 goes into 48 nine times with 3 left over. You bring down the 5 from 485 to make 35. Then 5 goes into 35 seven times. Your answer of how many times 5 goes into 485, or the quotient, is 97.

Division Terms

REMAINDER:

This is the number that is “left over” if your divisor does not go into your dividend exactly.

Division Terms

Let's take the problem we just solved, but let's change 485 to 489.

$$\begin{array}{r} 97 \\ 5 \overline{) 489} \\ \underline{-45} \\ 39 \\ \underline{-35} \\ 4 \end{array}$$

remainder

97 remainder 4

5 goes into 48 nine times. Bring down the 9 next to the 3. 5 goes into 39 seven times. 39 minus 35 leaves you with 4. In other words, 4 is your remainder.

Division Terms

One more thing:

There's more than one way that a problem might show you that you are supposed to divide.

Division Terms

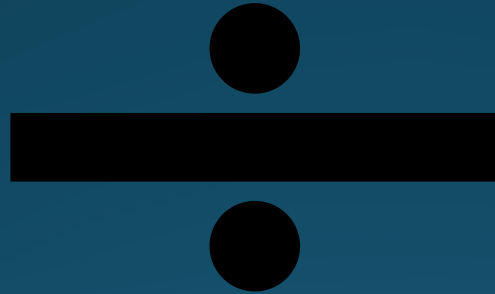
It might look like this:



Kind of like a tipped over L.

Division Terms

It might look like this:



A division sign that's a line with a dot above and below it.

Division Terms

It might look like this:



Like a slash.

Division Terms

**It all means the
same thing:
Divide to solve.**

Division Terms

With each problem, you will still have a divisor, a dividend, and a quotient.

Divisor
↓

97 ← **Quotient**

5 | **485**

↑
Dividend

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Division Terms

Dividend



Quotient



$$485 / 5 = 97$$



Divisor

Division Terms

Dividend



Quotient



$$485 \div 5 = 97$$



Divisor

Division Terms

You'll notice when the $/$ or \div symbols are used, the dividend is the first number in the problem and the divisor is the second.

Division Terms

However, when the problem is written using the $\overline{\hspace{1cm}}$ symbol, the divisor is the first number in the problem and the dividend is the second.

Division Terms


Make sure you remember not to mix up your divisor and dividend. This will help you prevent easily avoidable mistakes.

**Dividend 1st,
Divisor 2nd**

Dividend ↓ **Quotient** ↓ **Dividend** ↓ **Quotient** ↓
485 ÷ 5 = 97 **485 / 5 = 97**
↑ ↑
Divisor **Divisor**

**Divisor 1st,
Dividend 2nd**

Divisor ↓ **97** ← **Quotient**
5 | **485**
↑
Dividend



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