

Basic Algebra 1

Sec. 1-4 Words to Symbols

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Bas. Algebra 1 - 1-4 Words to Symbols

WARMUP

For each of the following words, write two sentences that show two different meanings of the words:

1. times
2. add
3. divide
4. decrease

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"It was the best of times, it was the worst of times; it was the age of wisdom, it was the age of foolishness; it was the epoch of belief, it was the epoch of incredulity; it was the season of Light, it was the season of Darkness; it was the spring of hope, it was the winter of despair; we had everything before us, we had nothing before us; we were all going directly to Heaven, we were all going the other way." -

Charles Dickens - the opening lines to "A Tale of Two Cities"

Mark 3:25: A house divided against itself cannot stand.

Possibly also quoted by Abraham Lincoln during the Civil War



"And if they would rather die, they had better do it, and decrease the surplus population." - Ebenezer Scrooge, in A Christmas Carol, by Charles Dickens

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Objective:

To translate phrases into variable expressions.

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Addition:

The sum of 8 and x	$8 + x$
A number increased by 7	$n + 7$
5 more than a number	$n + 5$

Subtraction:

A number decreased by 8	$x - 8$
5 less than a number	$x - 5$
6 minus a number	$6 - n$

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Multiplication:

The product of 8 and x	$8x$
A number times 7	$7n$
One third of a number	$(1/3)n$

Division:

The quotient of a number and 8	$n/8$
A number divided by 10	$n/10$

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Practice:

- Eight times a number
- Five more than a number
- A number decreased by 4
- Nine less than half a number
- The product of three and a number
- One fourth of a number
- A number divided by 5
- Nine more than twice a number

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More Practice:

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HW

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