

# Mathematical Statements and Phrases Vocabulary



## Mathematical Statements and Phrases Vocabulary

**algebraic  
equation**

## Description

an equation containing  
at least one variable



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## Mathematical Statements and Phrases Vocabulary

**coefficient**

## Description

the numeral factor  
a variable is multiplied by;  
the number placed  
before the variable  
in a term

# Mathematical Statements and Phrases Vocabulary



## Mathematical Statements and Phrases Vocabulary

**constant**

## Description

a term with a fixed quantity  
because it has no variable



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## Mathematical Statements and Phrases Vocabulary

**difference**

## Description

the result of subtracting  
one number or quantity  
from another number  
or quantity

# Mathematical Statements and Phrases Vocabulary



## Mathematical Statements and Phrases Vocabulary

**equation**

## Description

a mathematical statement  
using an = sign to show  
two expressions are equal



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## Mathematical Statements and Phrases Vocabulary

**exponent**

## Description

a superscript number  
that tells the power  
of a base number or  
variable

# Mathematical Statements and Phrases Vocabulary



## Mathematical Statements and Phrases Vocabulary

**expression**

## Description

a single mathematical phrase  
using numbers, operations,  
and sometimes variables



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## Mathematical Statements and Phrases Vocabulary

**independent  
variable**

## Description

an unknown number or  
quantity whose value does not  
rely on any other variable;  
often represented as  $x$  and  
correlating to the  $x$ -axis  
values on a grid

# Mathematical Statements and Phrases Vocabulary



## Mathematical Statements and Phrases Vocabulary

**inequality**

## Description

a mathematical statement using a  $<$  or  $>$  sign to compare two unequal expressions



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## Mathematical Statements and Phrases Vocabulary

**power**

## Description

an operation represented using an exponent that tells how many times a number or variable is multiplied by itself

# Mathematical Statements and Phrases Vocabulary



## Mathematical Statements and Phrases Vocabulary

**product**

## Description

the result of multiplying two or more numbers or quantities



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## Mathematical Statements and Phrases Vocabulary

**simplify**

## Description

to reduce an expression to its most basic form, such as by combining like terms

# Mathematical Statements and Phrases Vocabulary



## Mathematical Statements and Phrases Vocabulary

**solve**

## Description

to find the value  
of a variable in an equation



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## Mathematical Statements and Phrases Vocabulary

**sum**

## Description

the result of adding  
two or more numbers  
or quantities

# Mathematical Statements and Phrases Vocabulary



## Mathematical Statements and Phrases Vocabulary

**term**

## Description

a number, variable,  
or combination of numbers  
and variables in an expression,  
multiples of which are  
separated from one another  
by a + or - sign



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