

Eureka Math Vocabulary 4th Grade

Module 1

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equation

a statement that two expressions are equal

$$3+2 = 4+1$$

1

place value

the numerical value that a digit has by virtue of its position in a number

Millions			Thousands			Ones		
hundreds	tens	ones	hundreds	tens	ones	hundreds	tens	ones
9	5	6,	0	2	3,	5	3	1

1

unit form

the way of saying a number by its place value

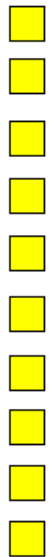
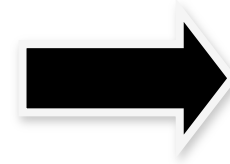
576 = 5 hundreds 7 tens 6 ones

1

unbundling, breaking,
renaming, exchanging,
regrouping, trading

exchanging a larger unit for an

equal amount of smaller units. (e.g., 1 ten for 10 ones)

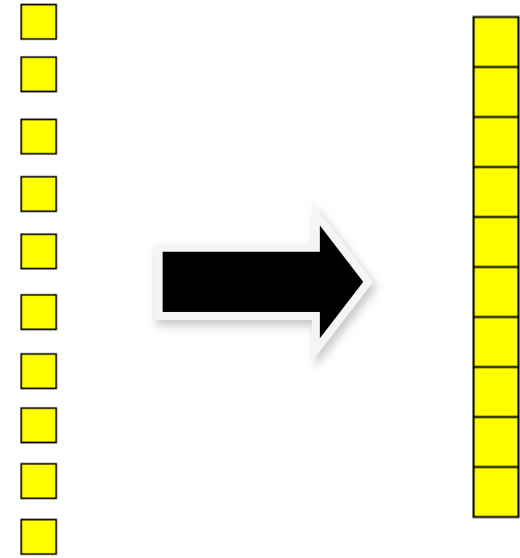


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bundling, making,
renaming, exchanging,
regrouping, trading

exchanging smaller units for an

equal amount of a larger unit. (e.g., 10 ones for 1 ten)



1

standard form

the way of writing a
number using digits

156

1

expression

a number, or any combination of sums, differences, products or divisions of numbers that evaluates to a number

$$3+4$$

1

number sentence

an equation or inequality for which both expressions are numerical and can be evaluated to a single number

$$3+4=7$$

1

digit

any of the numbers 0 to 9

0, 1, 2, 3, 4

5, 6, 7, 8, 9

1

expanded form

the representation of a number as a sum that shows
the value of each digit

$$100+30+5 = 135$$

1

word form

the form of a number that uses written words

one hundred thirty-five = 135

1

equal to

having the same value as

160 = 160

1

less than

an inequality showing the number on the left as less than the number on the right

$$105 < 160$$

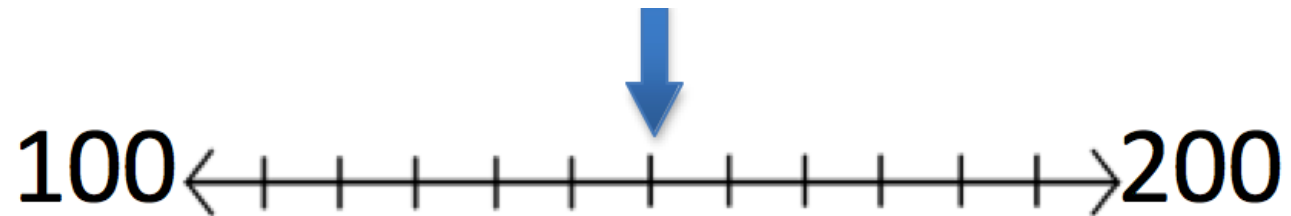
greater than

an inequality relationship showing the number on the left as greater than the number on the right

$$165 > 160$$

halfway

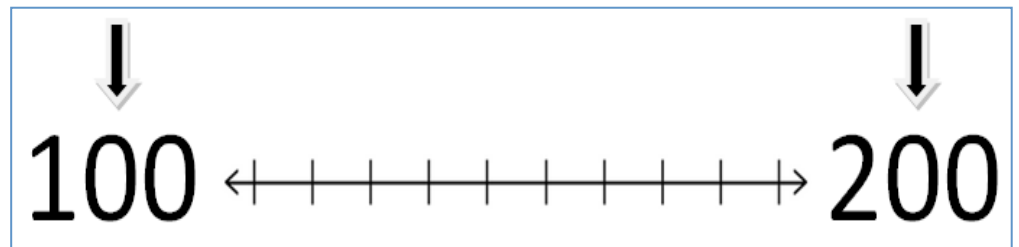
with reference to a number line, the midpoint between two numbers



1

endpoint

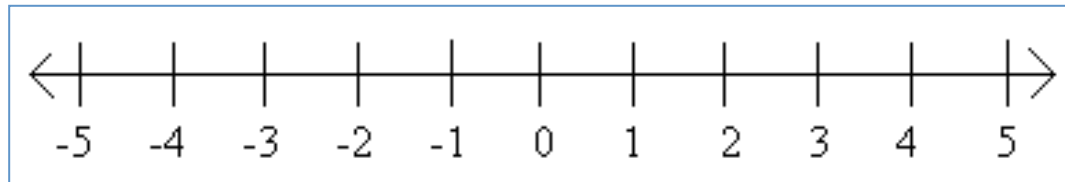
used with rounding on the number line; the numbers that mark the beginning and end of a given interval



1

number line

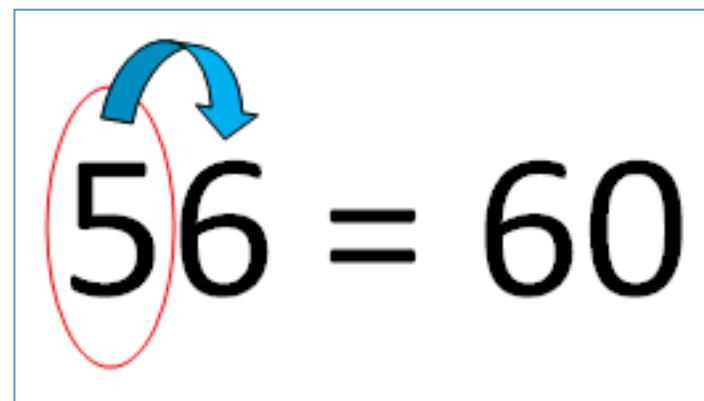
a line marked with numbers at evenly spaced intervals



1

rounding

approximating the value
of a given number



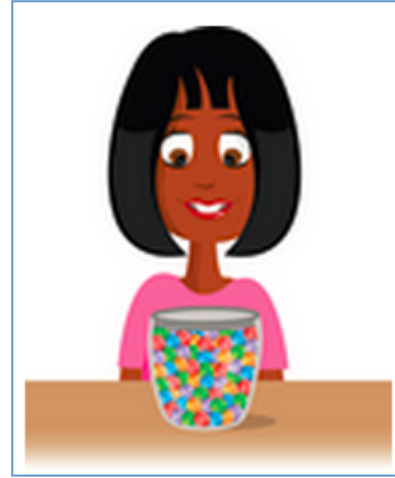
The number 56 is shown with a red oval around the digit 5. A blue curved arrow points from the 6 to the 5. To the right of the 56 is an equals sign followed by the number 60.

$$56 = 60$$

1

estimate

an approximation of a quantity or number



I estimate there are _____ marbles in the jar.

1

addend

a number that is added to another

$$3 + 4 = 7$$

1

algorithm

a step-by-step procedure
to solve a particular type
of problem

1 Line up the numbers

2 Add common place values together

$$264,876 + 25,087$$

$$\begin{array}{r} 264,876 \\ + 25,087 \\ \hline \end{array}$$

1

compose

a number is made up of putting together other existing
numbers

$$2,000 + 600 + 70 + 5 = 2,675$$

1

sum

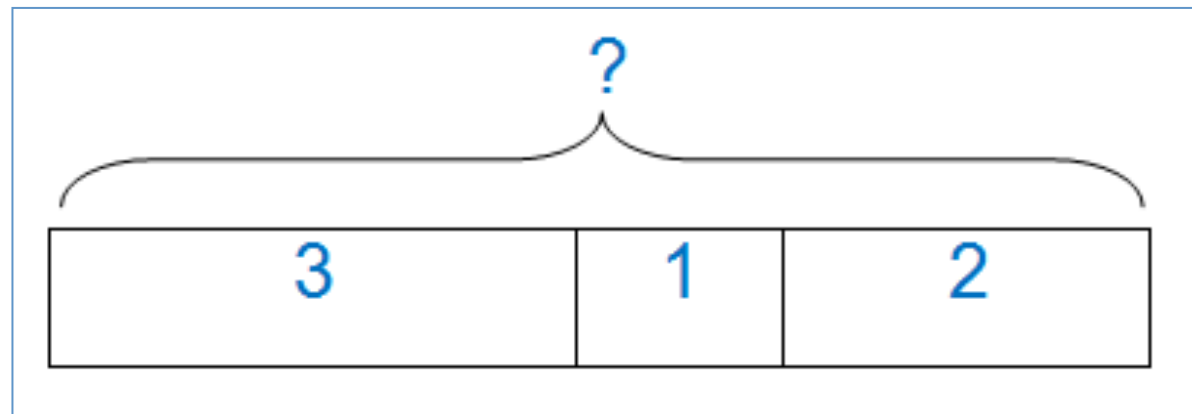
answer to an
addition problem

$$3 + 4 = 7$$

1

tape diagram

bar diagram



1

variables

letters that stand for numbers and can be added, subtracted, multiplied, and divided as numbers

$$55 - c = 50$$

$$3x + 3 = 18$$

$$7 + p = 14$$