2nd Grade Vocabulary Cards and Word Walls

- The vocabulary cards in this file match the Common Core State Standards.
- The cards are arranged alphabetically.
- Each card has three sections:
    - Section 1 is only the word. This can be used as a visual aid in spelling and pronunciation. It can also be used when students are writing their own "kid-friendly" definition and drawing their own graphic.
    - Section 2 has the word and a graphic. This graphic is to support students in connecting a visual representation to the meaning of the word.
    - Section 3 has the word, a graphic, and a definition. This can be used for display on a Word Wall in the classroom.
- These cards are designed to help **all** students with math content vocabulary.

Thank you to Granite School District Math Department in Salt Lake City, Utah for creating this resource and giving Portland Public Schools permission for its use.

Bibliography of Definition Sources:

Algebra to Go, Great Source, 2000. ISBN 0-669-46151-8
Math on Call, Great Source, 2004. ISBN-13: 978-0-669-50819-2
Math at Hand, Great Source, 1999. ISBN 0-669-46922
Math to Know, Great Source, 2000. ISBN 0-669-47153-4
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Student Reference Books, Everyday Mathematics, 2007.
Houghton-Mifflin eGlossary, http://www.eduplace.com
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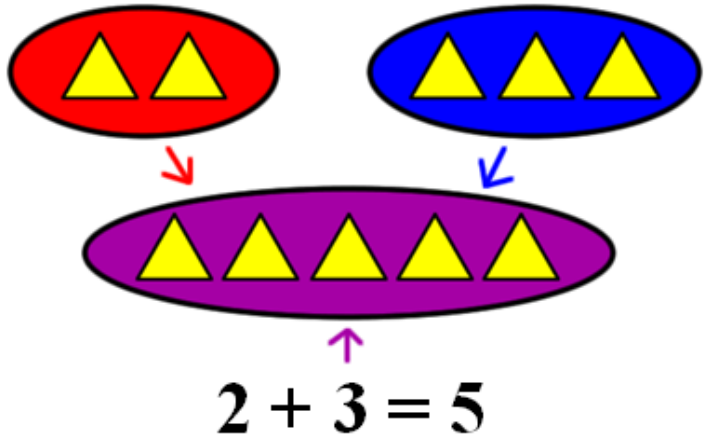
2nd Grade CCSS Vocabulary Word List

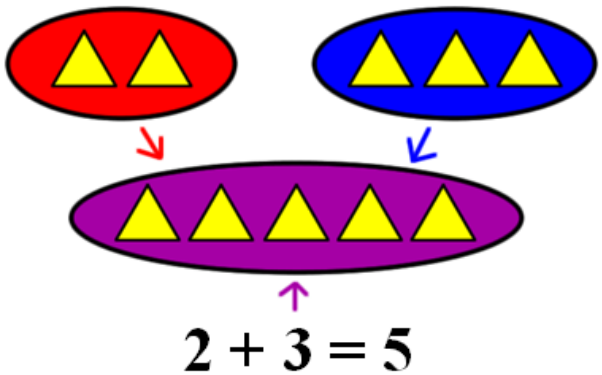
add	equation	ones
addend	estimate	penny
a.m.	even number	pentagon
analog clock	expanded form	picture graph
angle	expression	place value
array	face	p.m.
Associative Property of Addition	foot	quadrilateral
attribute	fourths	quarter
bar graph	fraction	quarter of
category	geometric solid	quarter-hour
cent	greater than	rectangle
centimeter	half circle	regroup
circle	half hour	sequence
classify	halves	side of a shape
closed figure	hexagon	sort
Commutative Property of Addition	hour	spere
compare	hour hand	square
compose	inch	standard form
cone	key	subtract
count back	length	sum
count on	less than	tens
counting up	line	thirds
cube	line plot	3-dimentional
customary system	meter	time
cylinder	metric system	triangle
data	minute	2-dimentional
decompose	minute hand	unit
difference	money	vertex (vertices)
digit	nickel	weight
digital clock	number	whole numbers
dime	number line	word form
dollar	numeral	
doubles	odd number	
edge	one-fourth	
equal	one-half	
equal groups	one hundred	
equal shares	one-third	

add

add



add



To combine, put together two or more quantities.

addend

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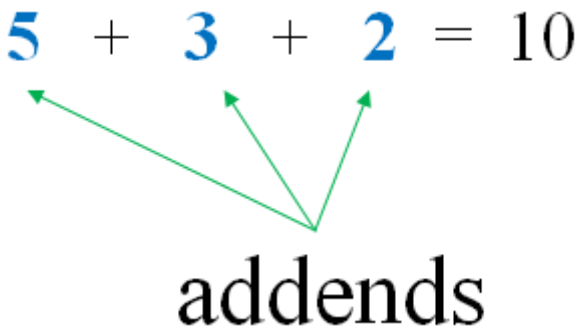
addend



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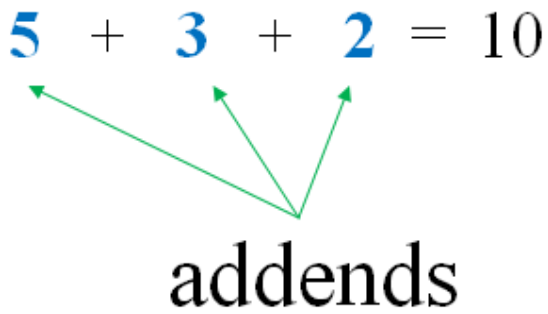
addend

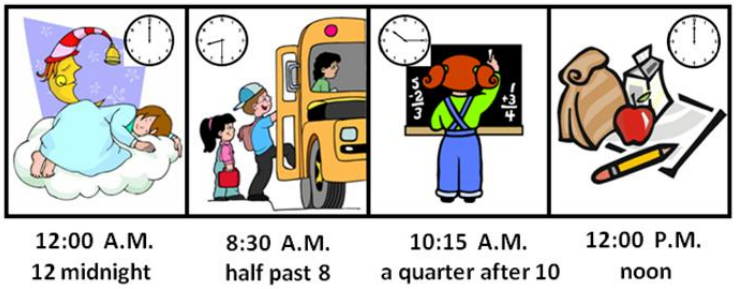


Any number being added.

a.m.

a.m.

a.m.



A time between 12:00 midnight and 12:00 noon.

analog clock

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analog clock

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analog clock

A clock that shows the time by the positions of the hour and minute hand.

angle

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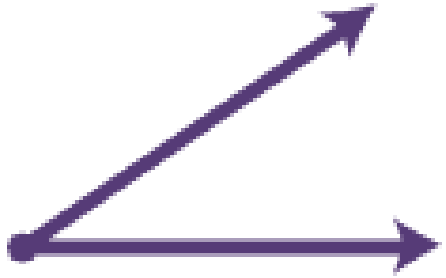
angle



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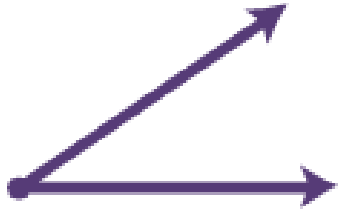
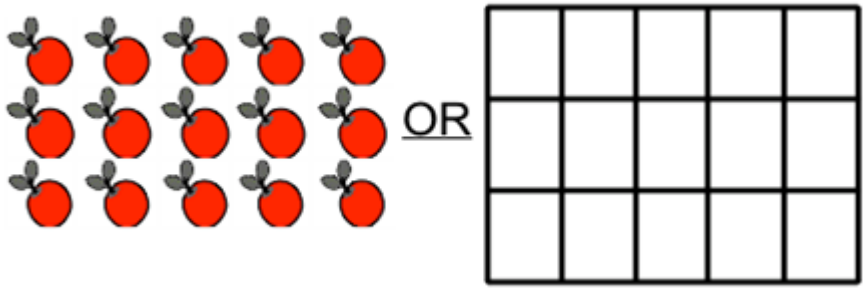
angle



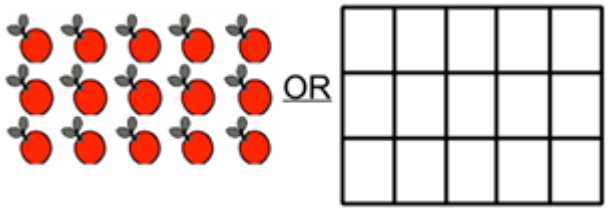
Two lines that meet at a common point.

array

array



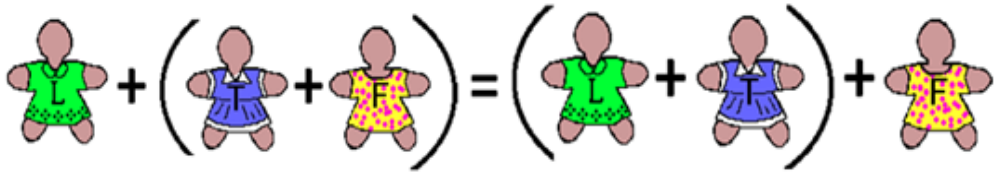
array



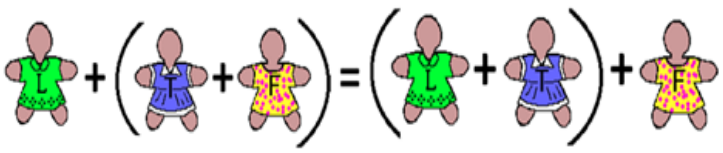
An arrangement of objects in equal rows and equal columns.

Associative property of Addition

Associative Property of Addition



Associative Property of Addition



Changing the grouping of three or more addends does not change the sum.

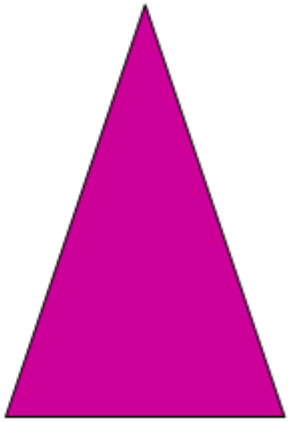
attribute

attribute

large

triangle

pink

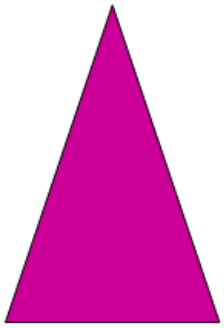


attribute

large

triangle

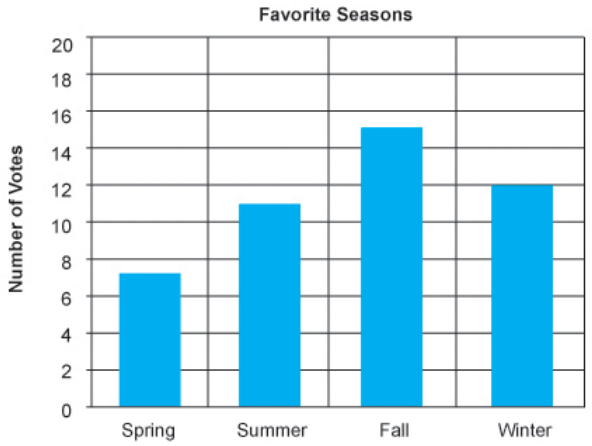
pink



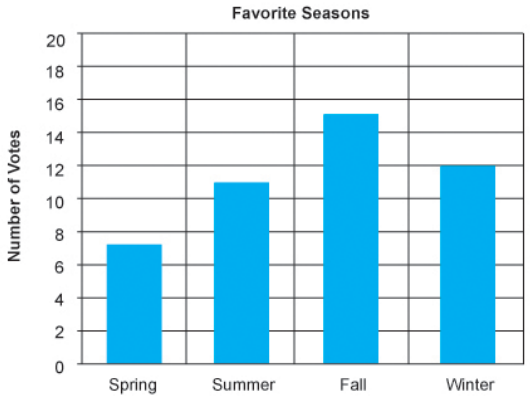
A characteristic of an object, such as color, shape, size, etc.

bar graph

bar graph



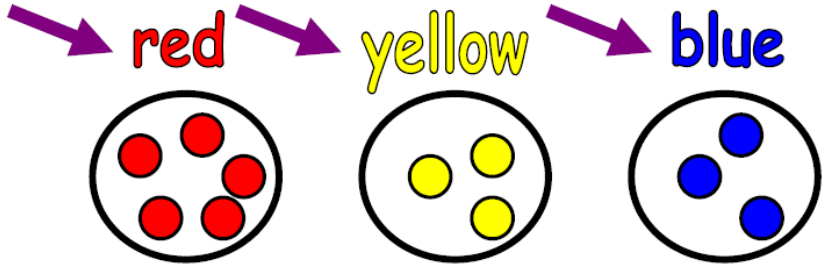
bar graph



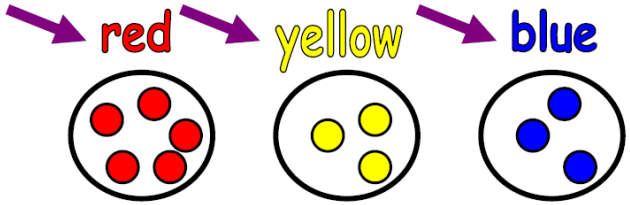
A graph that uses height or length of rectangles to compare data.

category

category



category



A collection of things sharing a common attribute.

cent

cent

1¢

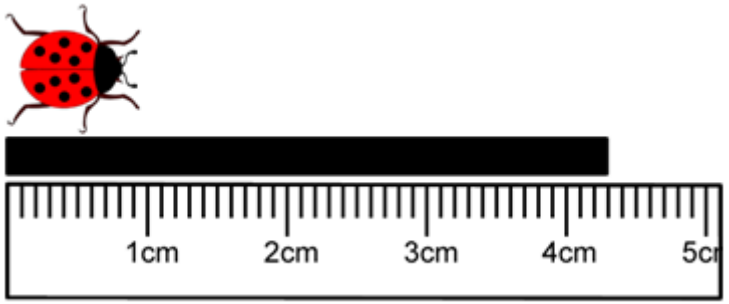
cent

1¢

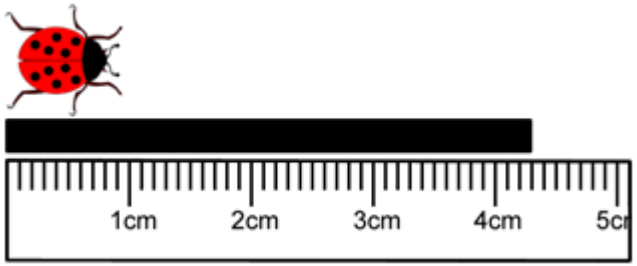
A unit of money. A penny is one cent or 1¢.
100 cents = one dollar

centimeter (cm)

centimeter (cm)



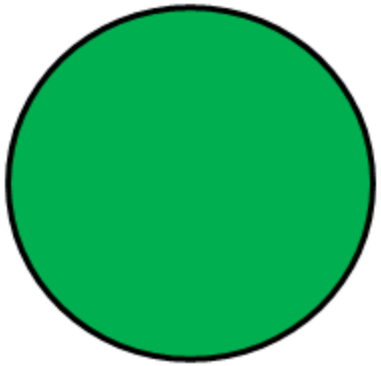
centimeter (cm)



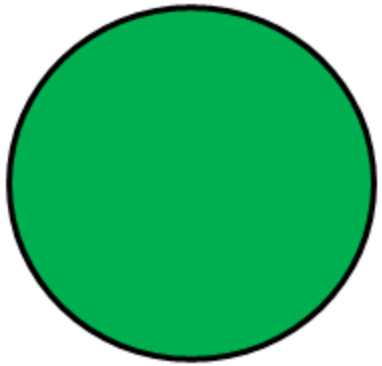
A metric unit of length.
100 centimeters = 1 meter.

circle

circle



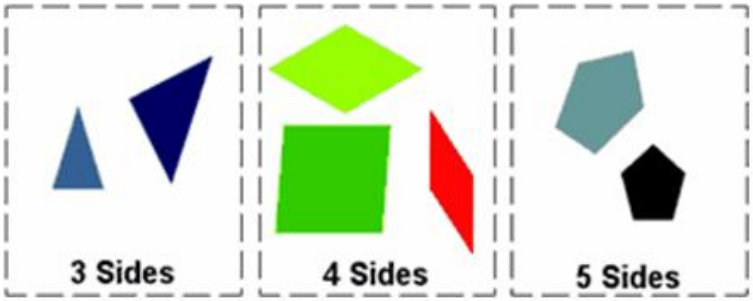
circle



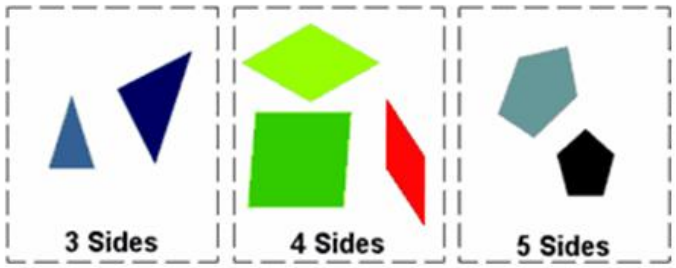
A figure with no sides and no vertices.

classify

classify



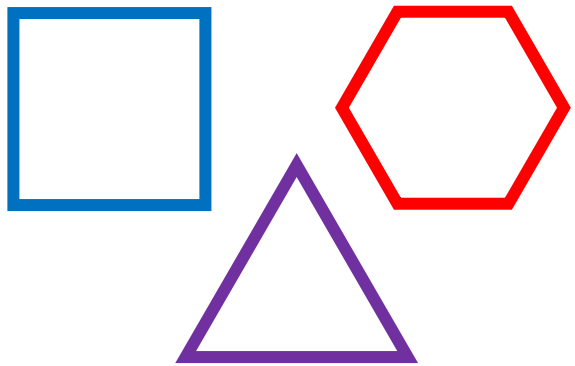
classify



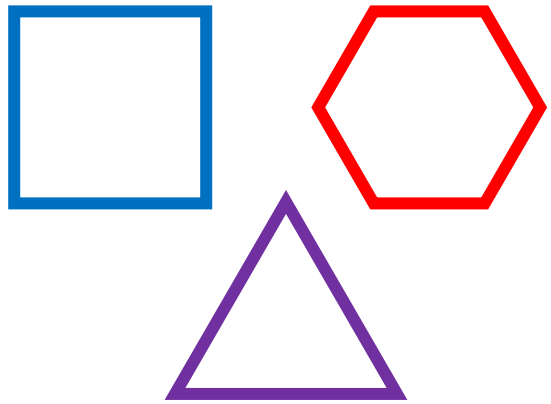
To sort into categories or to arrange into groups by attributes.

closed figure

closed figure



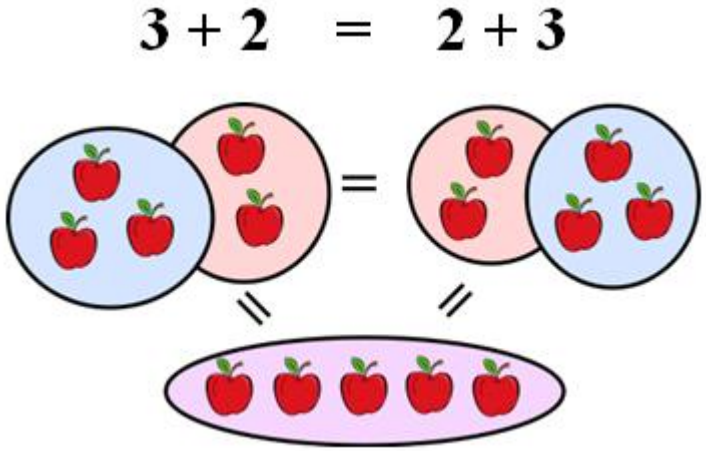
closed figure



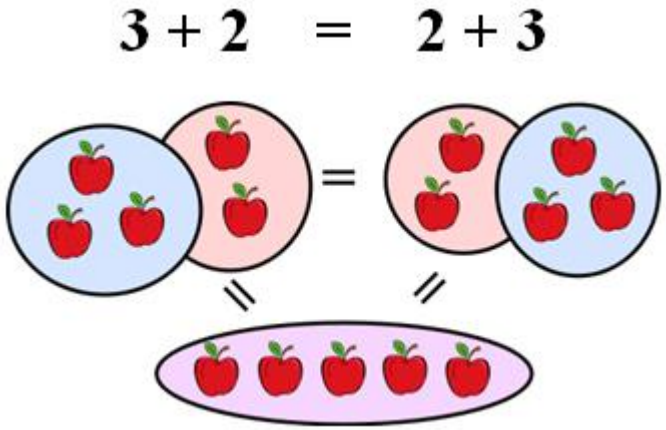
A figure with all the sides connected.

Commutative Property of Addition

Commutative Property of Addition



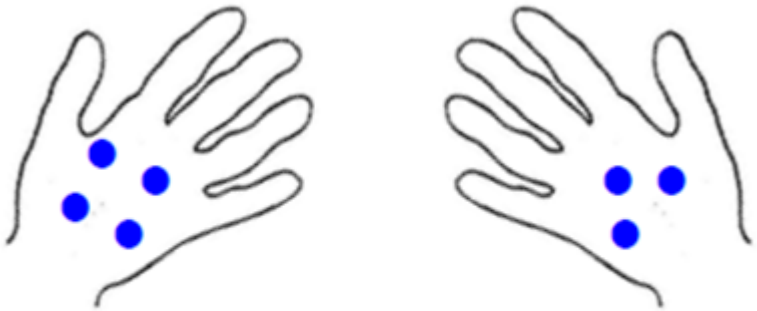
Commutative Property of Addition



Changing the order of the addends does not change the sum.

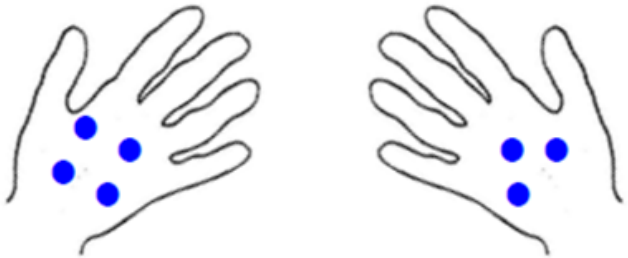
compare

compare



4 is more than 3

compare

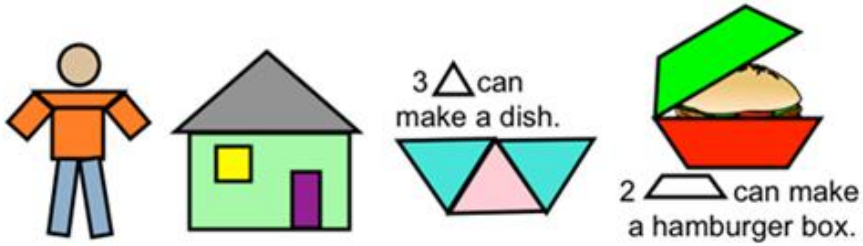


4 is more than 3

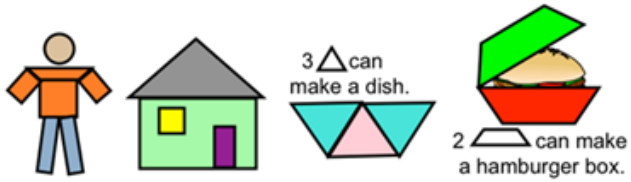
To decide if one number is greater than, less than, or equal to another.

compose

compose



compose



To put together basic elements.

cone

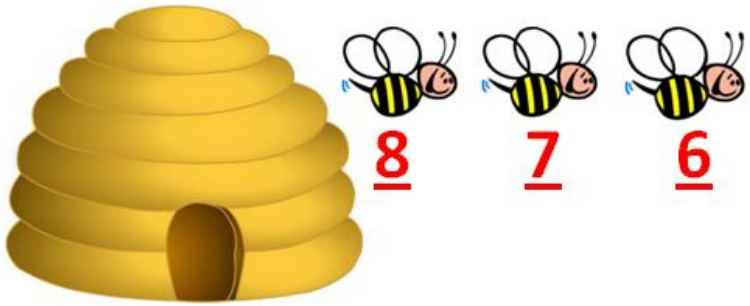
cone

cone

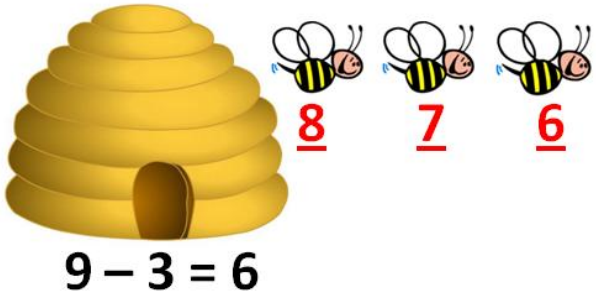
A geometric solid with a circular base and curved surface that meets at a point.

count back

count back



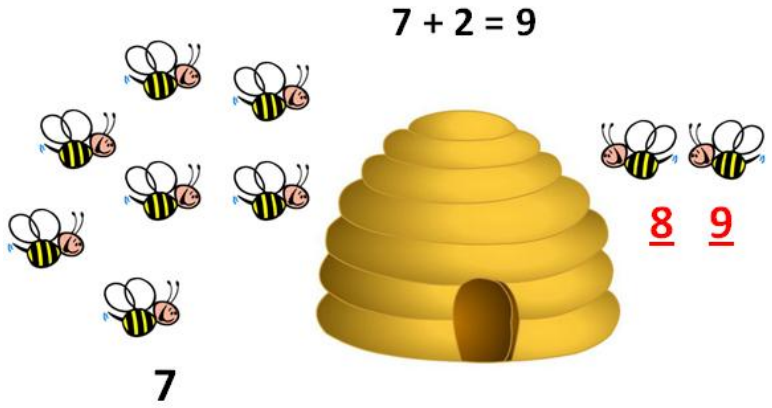
count back



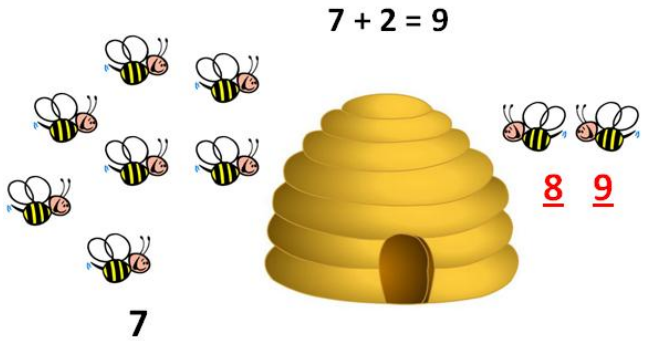
A way to subtract.

count on

count on



count on



A way to add.

counting up

counting up

$7 - 5 = 2$

Start with 5. Count up 2 more to reach 7.
The difference is 2.

counting up

$7 - 5 = 2$

Start with 5. Count up 2 more to reach 7.
The difference is 2.

A way to subtract. Finding the difference by adding up from the smaller number to the larger number.

cube

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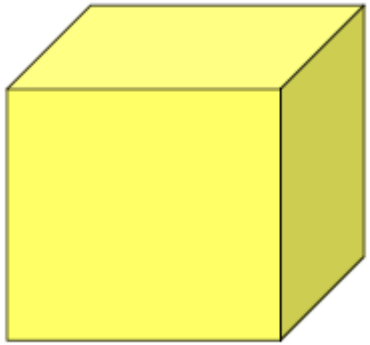
cube



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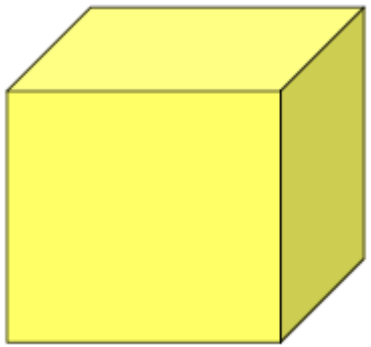
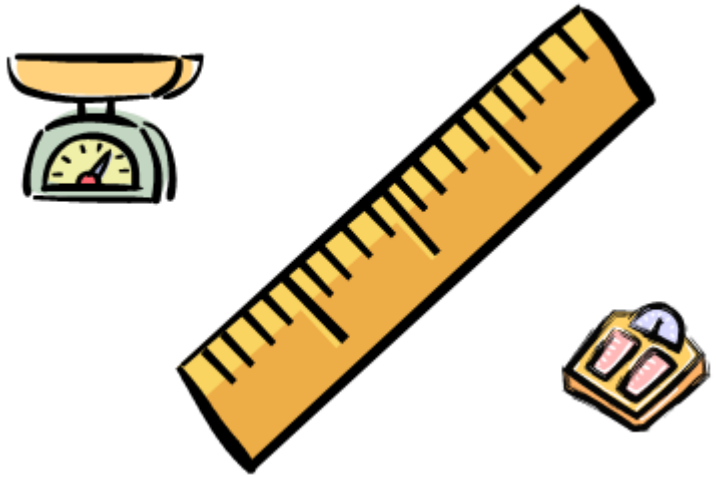
cube



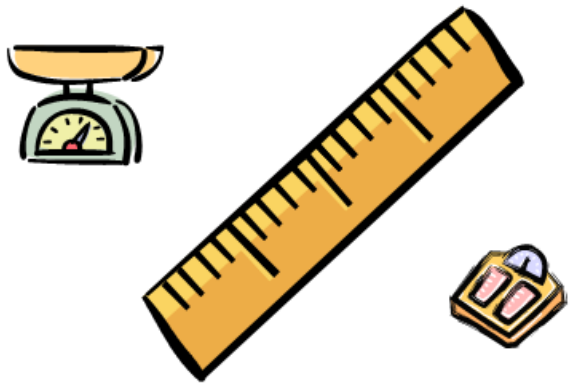
A solid figure with six square faces.

customary system

customary system



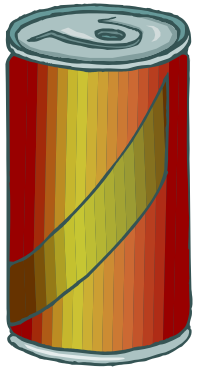
customary system

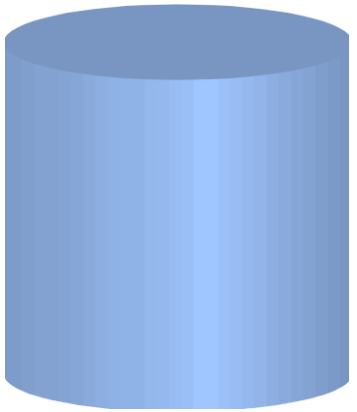


A system of measurement used in the United States.

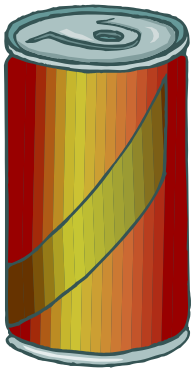
cylinder

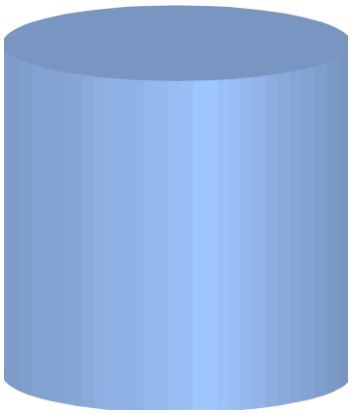
cylinder





cylinder

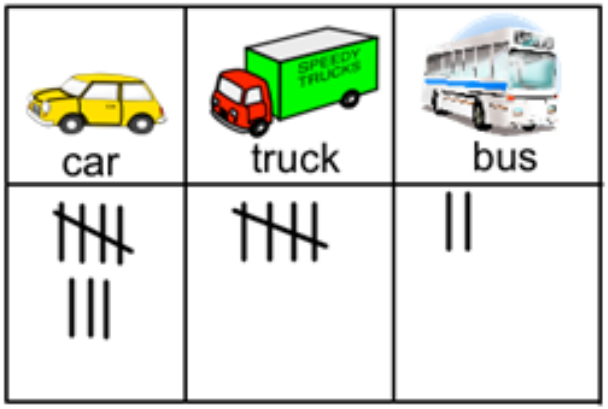




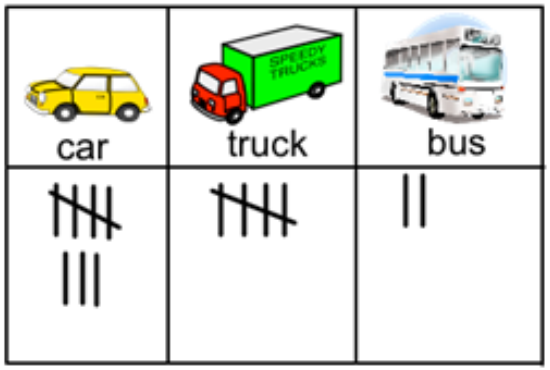
A geometric solid with
2 circular bases and
a curved surface.

data

data



data

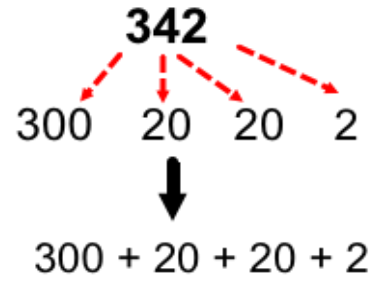


A collection of information.

decompose

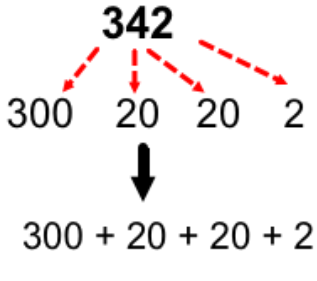
decompose

Numbers can be decomposed in a variety of ways, depending on the situation.



decompose

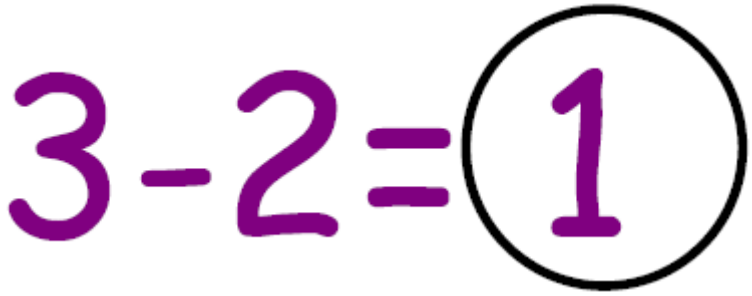
Numbers can be decomposed in a variety of ways, depending on the situation.



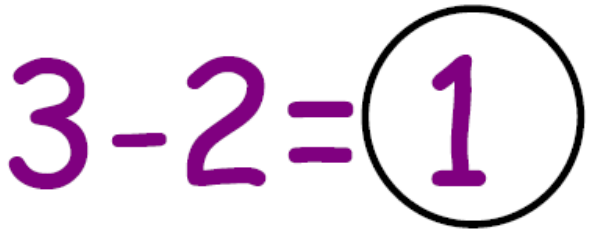
To separate into basic elements

difference

difference $3-2=1$



difference $3-2=1$



The result when one number is subtracted from another.

digit

digit

0 1 2 3 4
5 6 7 8 9

digit

0 1 2 3 4
5 6 7 8 9

Any of the symbols
0, 1, 2, 3, 4, 5, 6, 7, 8, or 9.

digital clock

---

digital clock

---

digital clock

A clock that shows the time with numbers of hours and minutes, usually separated with a colon (:)

dime

---

dime

10 ¢

---

dime

10 ¢

A coin worth 10 cents.

dollar

dollar

100 cents or $1.00

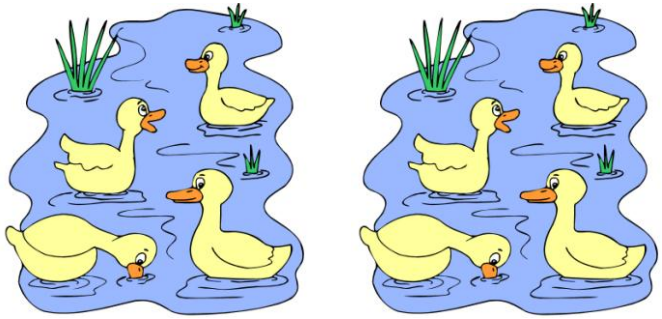
dollar

100 cents or $1.00

An amount of money equal to 100 cents.

doubles

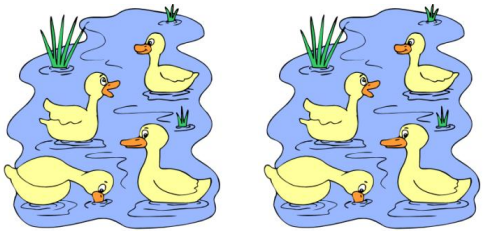
doubles



4 + 4 = 8

In a double, both addends are the same.

doubles



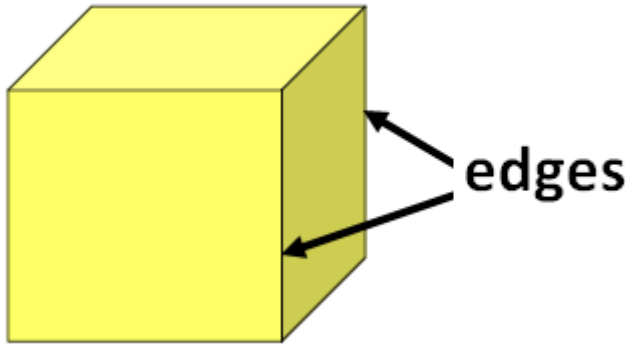
4 + 4 = 8

In a double, both addends are the same

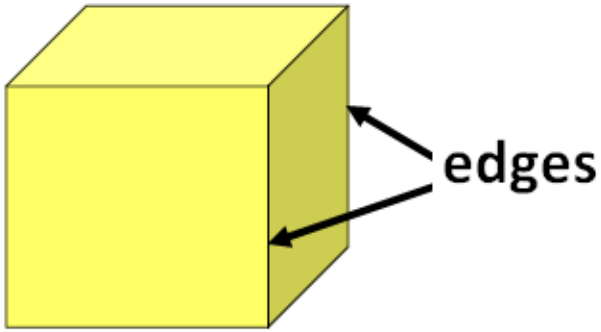
Addition facts with
two addends
that are the same.

edge

edge



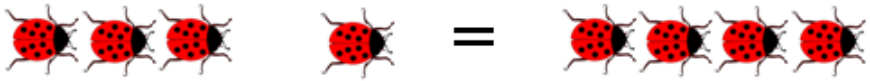
edge



The place where two flat surfaces of a solid figure meet.

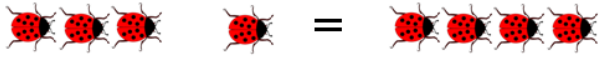
equal

equal



3 + 1 is the same amount as 4

equal

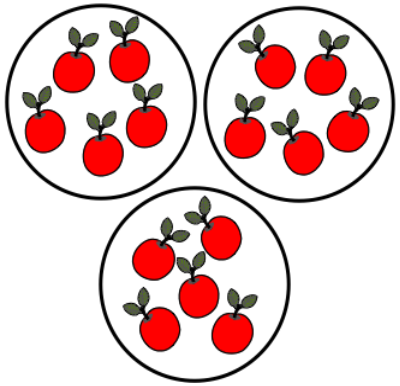


3 + 1 is the same amount as 4

Having the same amount,
size, number,
or value.

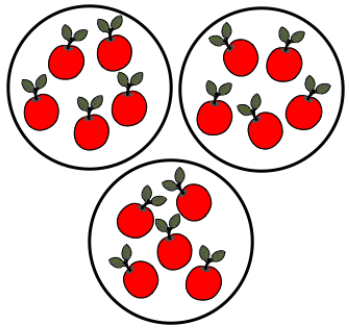
equal groups

equal groups



3 equal groups of 5

equal groups



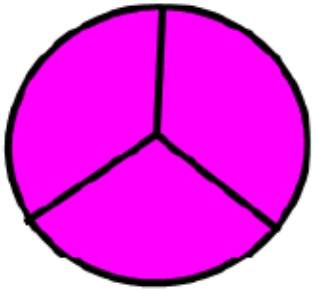
3 equal groups of 5

Groups that have the same number of objects.

equal shares

---

equal shares



3 equal parts

---

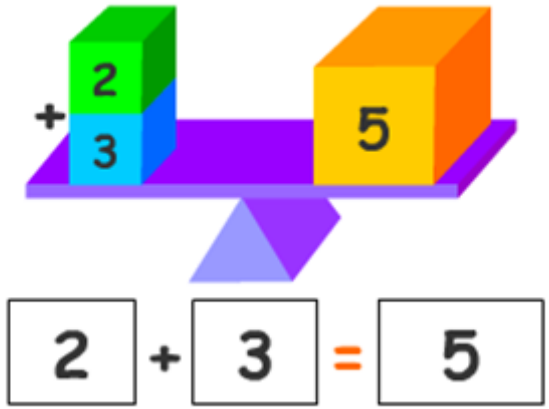
equal shares

3 equal parts

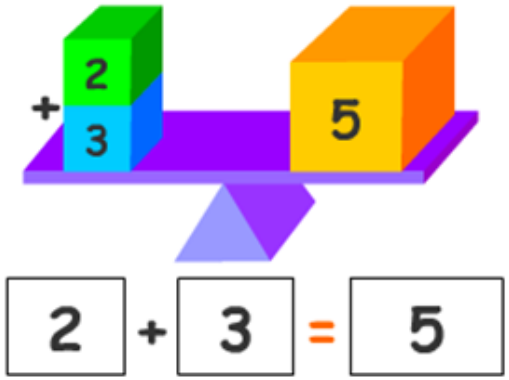
Equal parts of a whole.

equation

equation



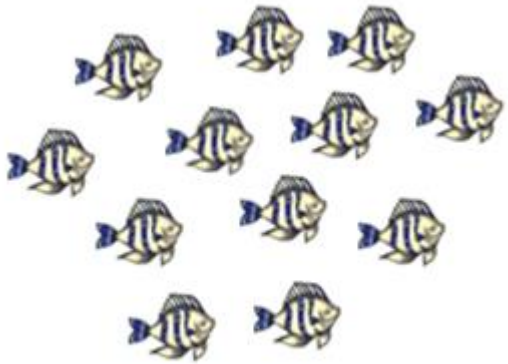
equation



A number sentence with an equal sign. The amount on one side of the equal sign has the same value as the amount on the other side.

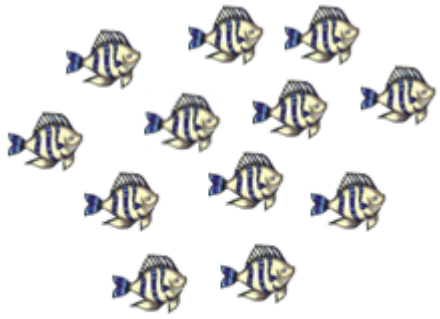
estimate

estimate



about **10 fish**

estimate

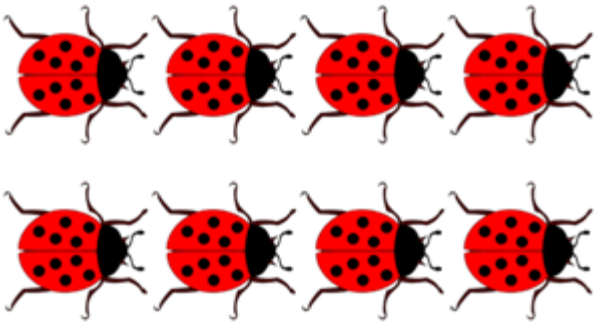


about **10 fish**

A number close to
an exact amount.
An estimate tells *about*
how much or
about how many.

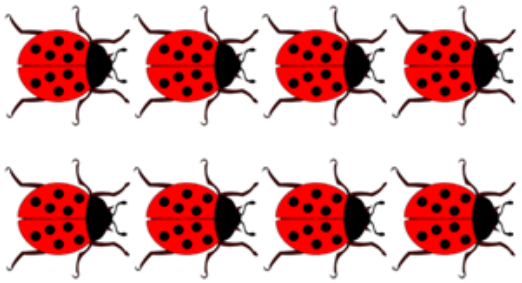
even number

even number



8 is even

even number

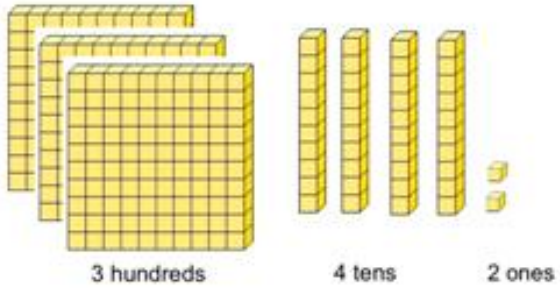


8 is even

An even number can be shown as 2 equal parts. An even number has 0, 2, 4, 6, or 8 in the ones place.

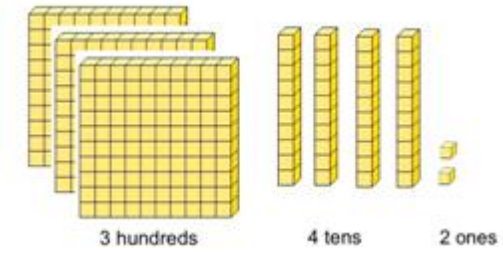
expanded form

expanded form



342 equals 3 hundreds, 4 tens, and 2 ones.

expanded form



342 equals 3 hundreds, 4 tens, and 2 ones.

A way to write numbers that shows the place value for each digit.

expression

expression

6 + 3 – 1

no equal sign

expression

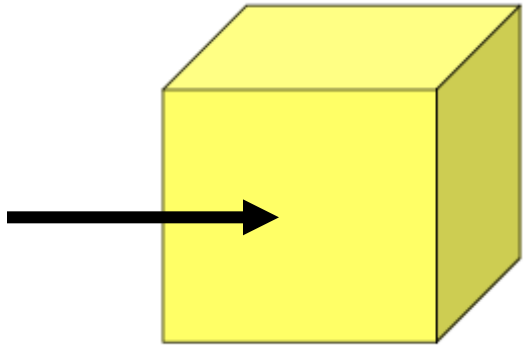
6 + 3 – 1

no equal sign

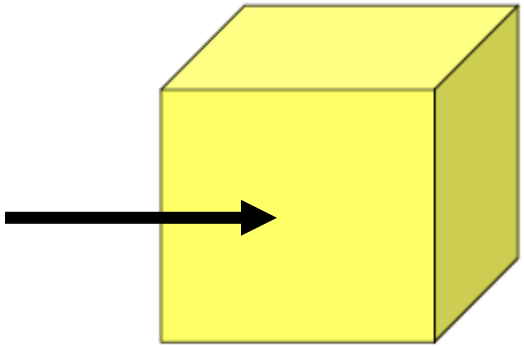
A mathematical phrase without an equal sign.

face

face



face



A flat surface on
a solid figure.

foot (ft)

foot (ft)

12 inches = 1 foot

foot (ft)

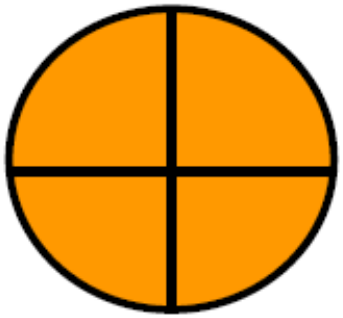
12 inches = 1 foot

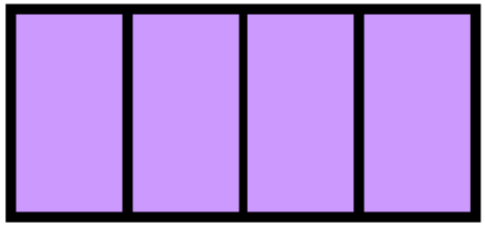
A customary unit of length equal to 12 inches.

fourths

---

fourths





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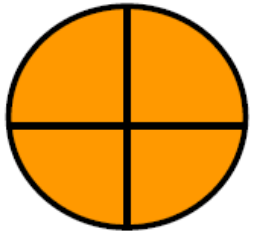
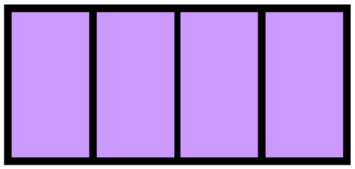
fourths



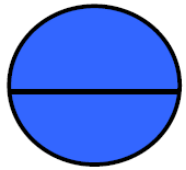


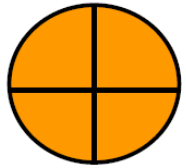
The parts you get when you divide something into 4 equal parts.

fraction

---

fraction





two halves **three thirds** **four fourths**

---

fraction

two halves **three thirds** **four fourths**

A way to describe
a part of a whole.

geometric solid

---

geometric solid

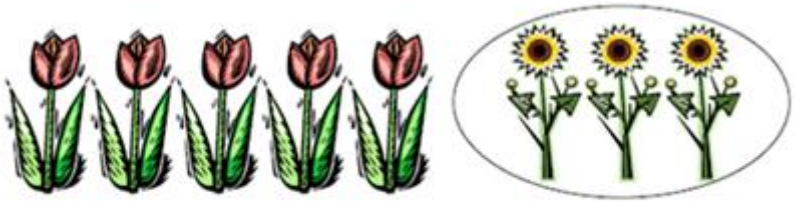
---

geometric solid

A three dimensional figure that has length, width, and height.

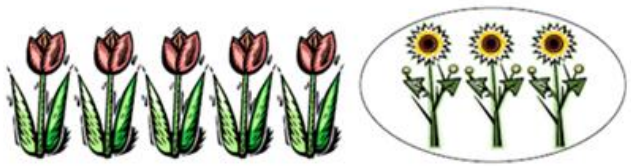
greater than

greater than



5 > 3

greater than

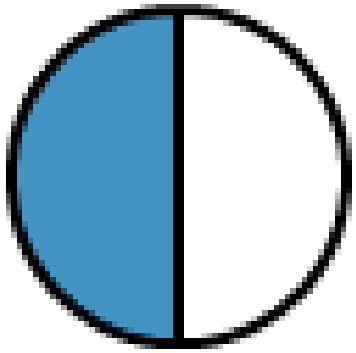


5 > 3

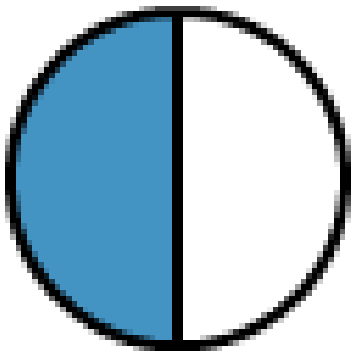
Greater than is used to compare two numbers when the first number is larger than the second number.

half circle

half circle



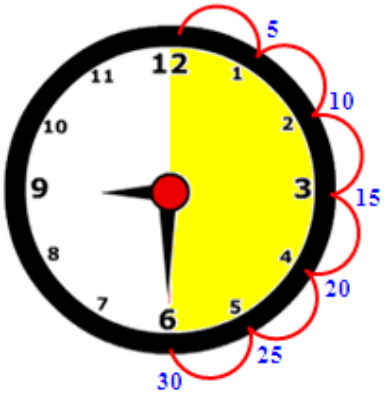
half circle



Half of a circle (semi-circle).

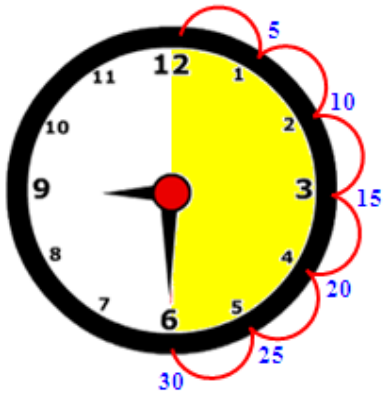
half hour

half hour



30 minutes = one half-hour

half hour

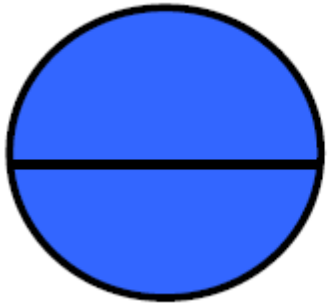


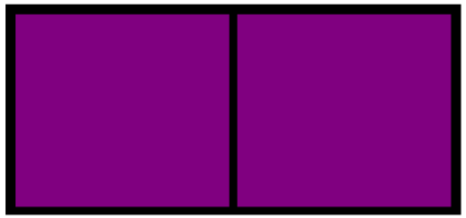
30 minutes = one half-hour

A unit of time equal to 30 minutes.

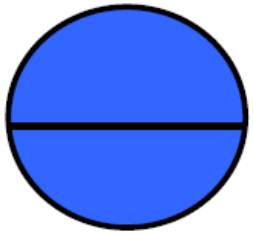
halves

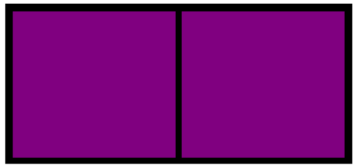
halves





halves

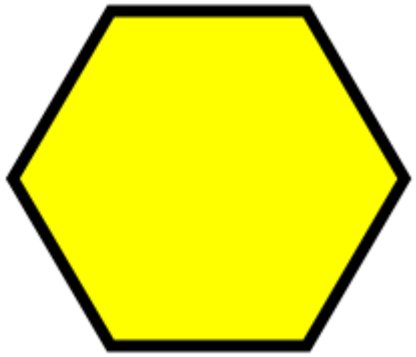




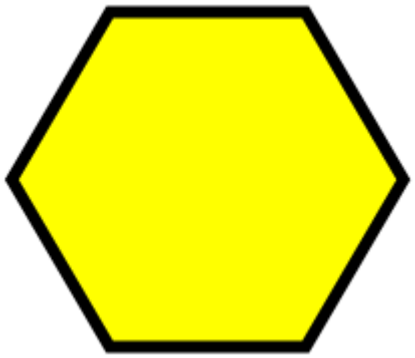
The parts you get when you divide something into 2 equal parts.

hexagon

hexagon



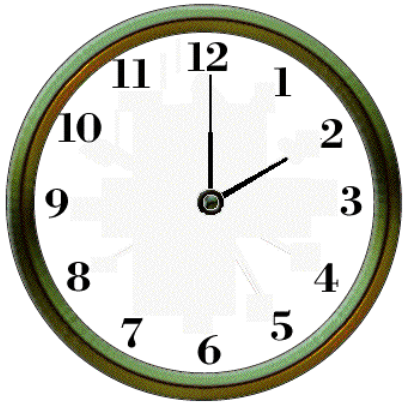
hexagon



A figure with 6 straight sides.

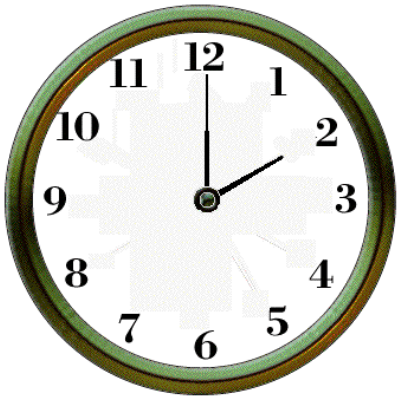
hour (hr)

hour (hr)



60 minutes = 1 hour

hour (hr)

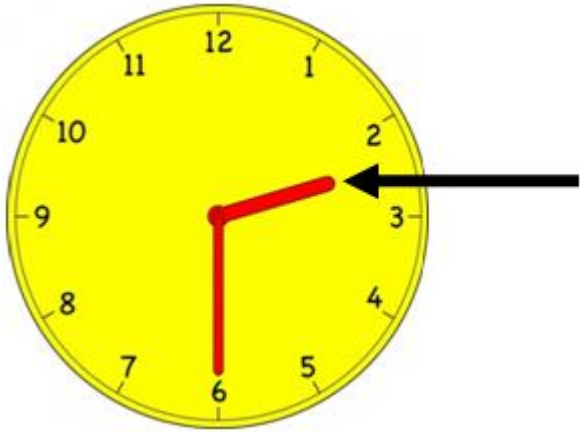


60 minutes = 1 hour

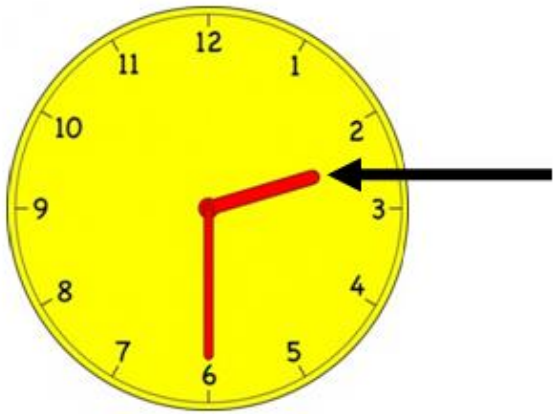
A unit of time equal to 60 minutes.

hour hand

hour hand



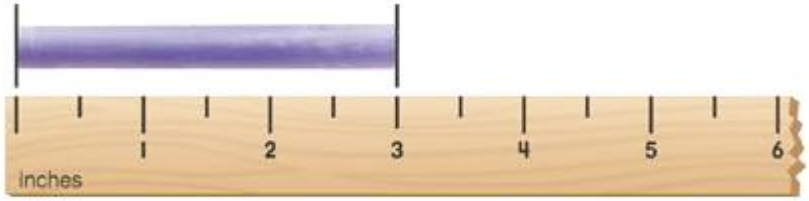
hour hand



A short hand on a clock.

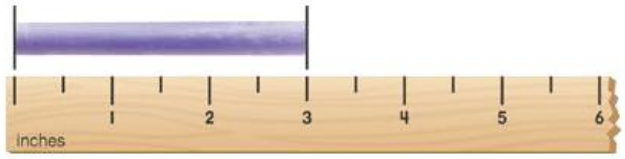
inch (in)

inch (in)



about 3 inches

inch (in)

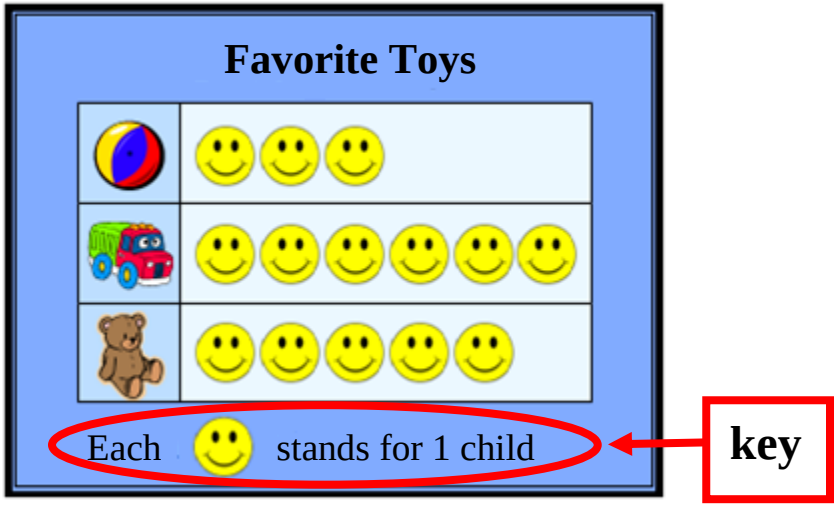


about 3 inches

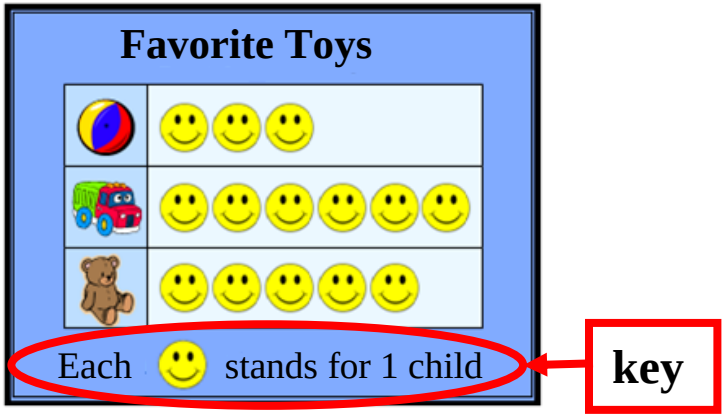
A customary unit of length.
12 inches = 1 foot

key

key



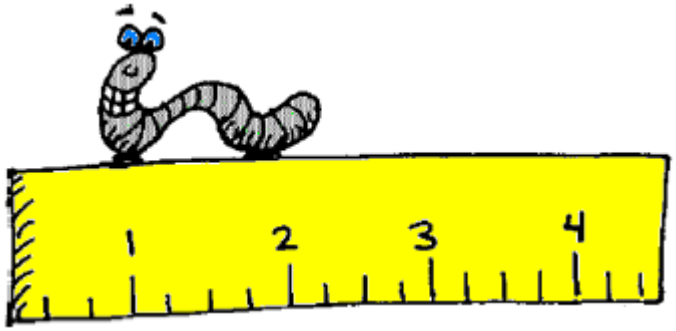
key



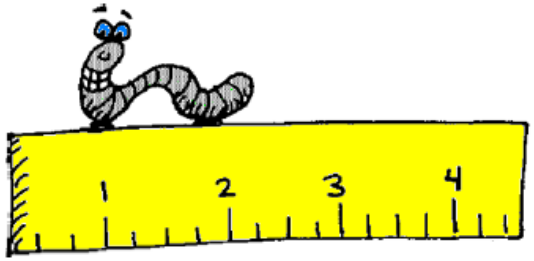
A part on a graph or chart that tells what each picture on a picture graph stands for.

length

length



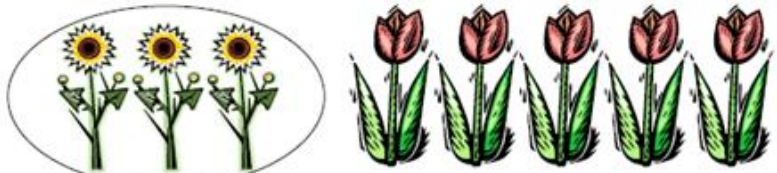
length



How long something is.
The distance from one point to another.
Length is measured in units such as inches, feet, centimeters, etc.

less than

less than



3 < 5

less than

3 < 5

Less than is used to compare two numbers when the first number is smaller than the second number.

line

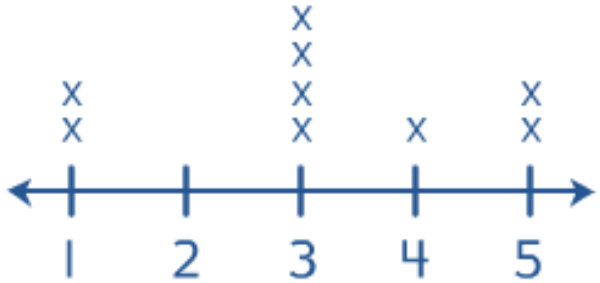
line

line

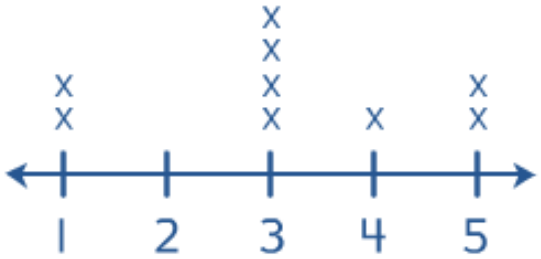
A line is straight. It has no beginning and no end.

line plot

line plot



line plot



A diagram showing data on a number line.

meter

---

meter

A baseball bat is *about* 1 meter long.

---

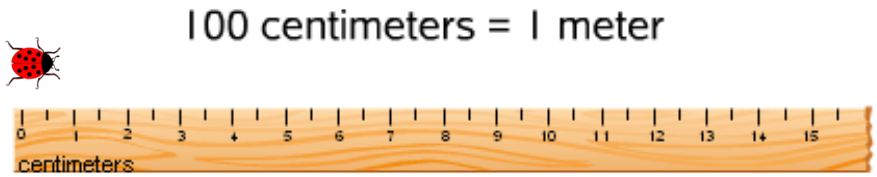
meter

A metric unit of length equal to 100 centimeters.

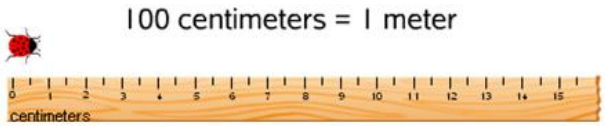
A baseball bat is *about* 1 meter long.

metric system

metric system



metric system



A system of measurement based on tens. The basic unit of length is the meter.

minute (min)

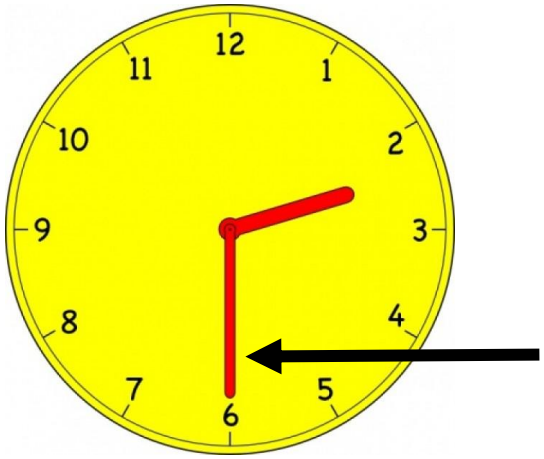
minute (min)

minute (min)

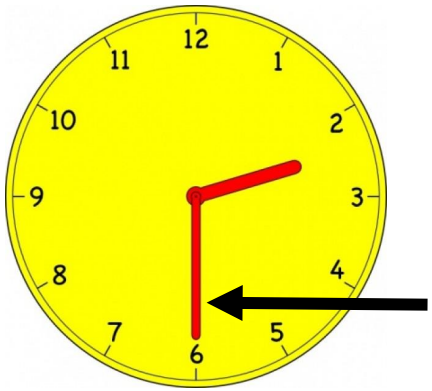
A unit of time equal to 60 seconds.

minute hand

minute hand



minute hand



The long hand on a clock.

money

money

money

Coins and bills used to pay for things.

nickel

---

nickel

5 ¢

---

nickel

5 ¢

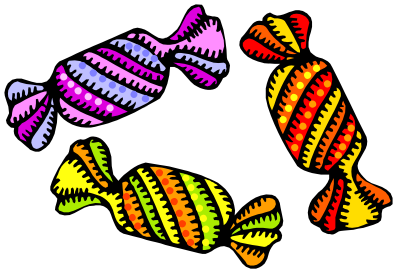
A coin worth 5 cents.

number

number

There are 3 candies.

number



There are 3 candies.

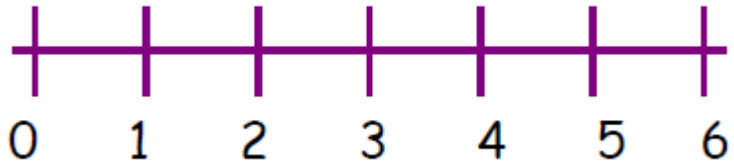
A number indicates how many or how much.

The number of objects can be named by the numeral 3.

number line

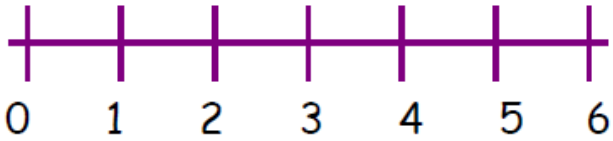
---

number line



---

number line



A diagram that represents numbers as points on a line.

numeral

---

numeral

6 six

VI

---

numeral

6 six

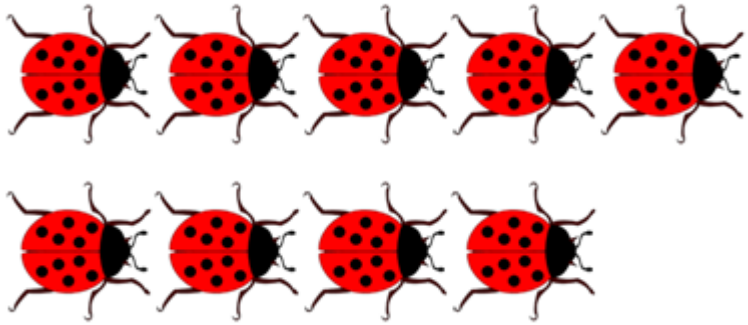
VI

A symbol used
to represent a number.

odd number

---

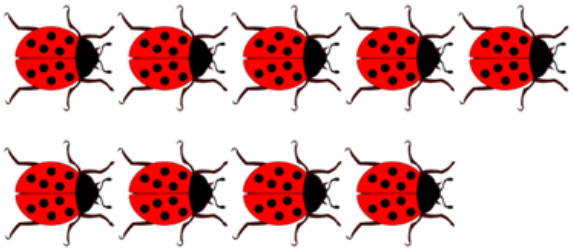
odd number



9 is odd

---

odd number



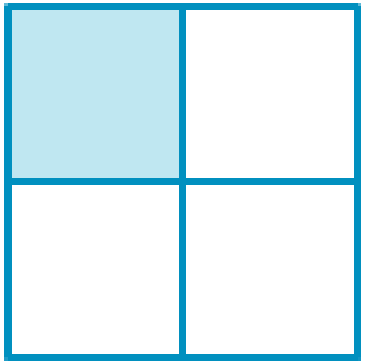
9 is odd

An odd number
cannot be shown
as two equal parts.

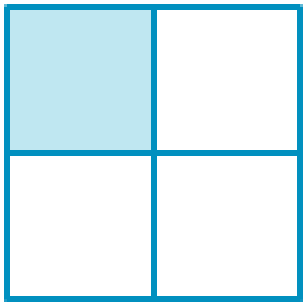
An odd number has
1, 3, 5, 7, 9, or 11
in the ones place.

one-fourth

one-fourth



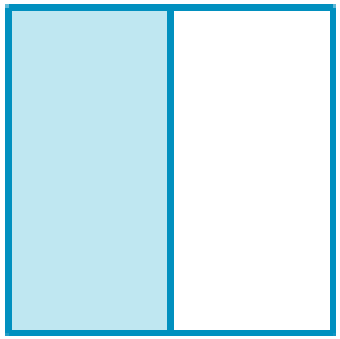
one-fourth



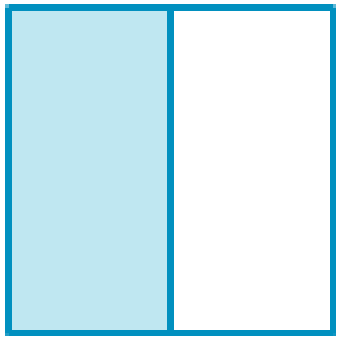
One of 4 equal parts.

one-half

one-half



one-half

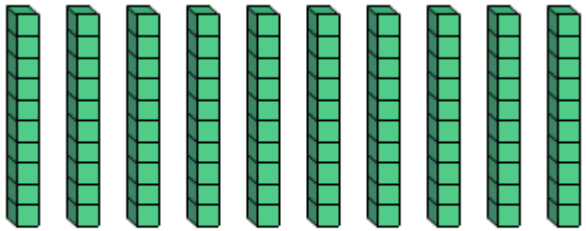


One of 2 equal parts.

one hundred

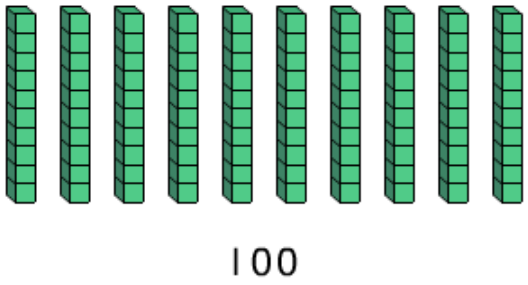
---

one hundred



---

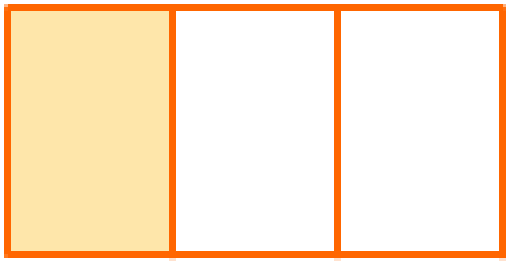
one hundred



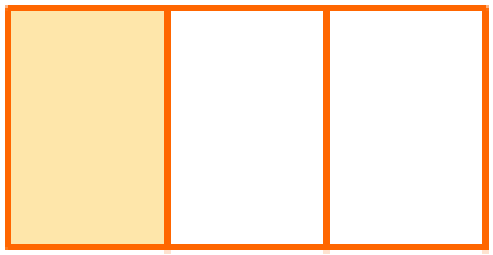
10 tens.

one-third

one-third



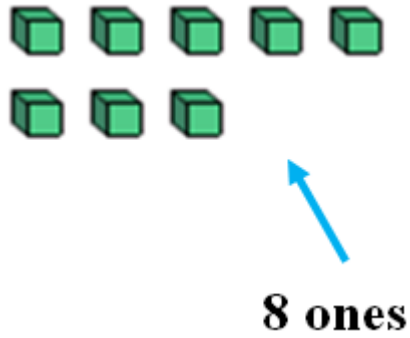
one-third



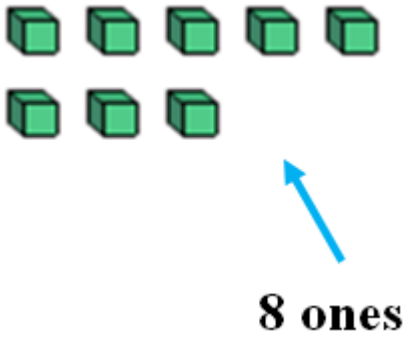
One of 3 equal parts.

ones

ones



ones



A single unit or object.

penny

---

penny

1¢

---

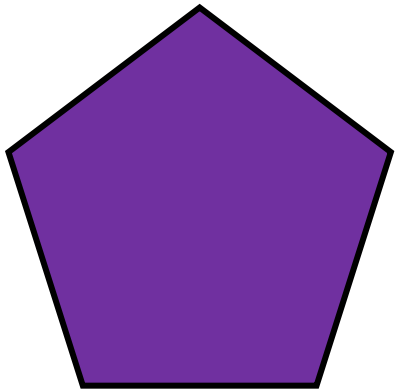
penny

1¢

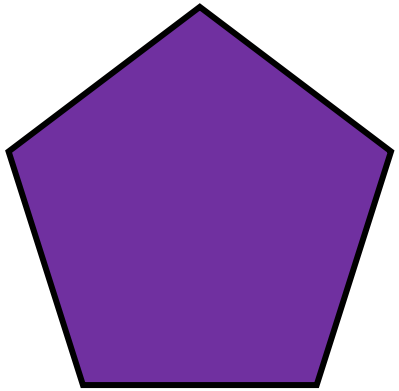
A coin worth 1 cent.

pentagon

pentagon



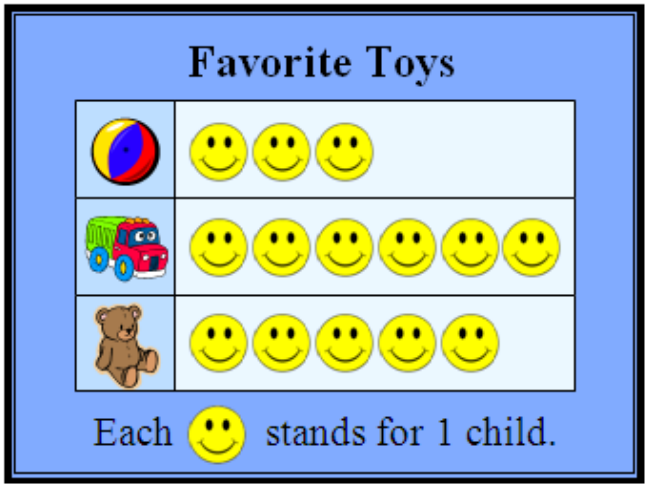
pentagon



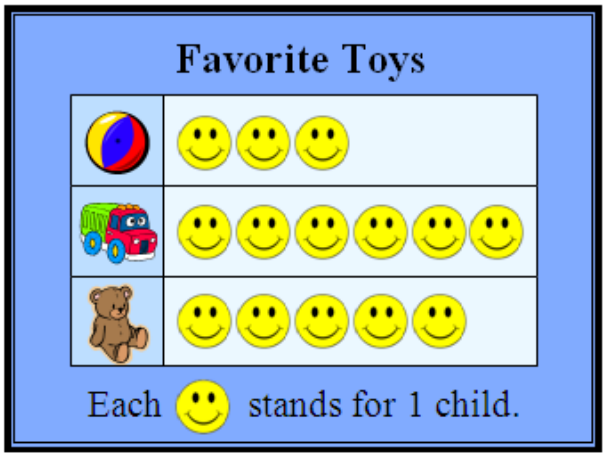
A figure with
5 straight sides.

picture graph

picture graph



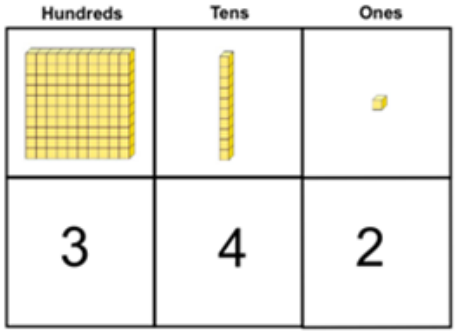
picture graph



A graph that uses pictures or symbols to show data.

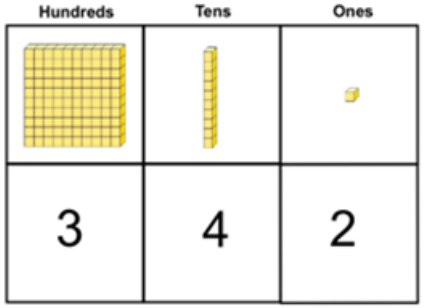
place value

place value



300 + 40 + 2 = 342

place value



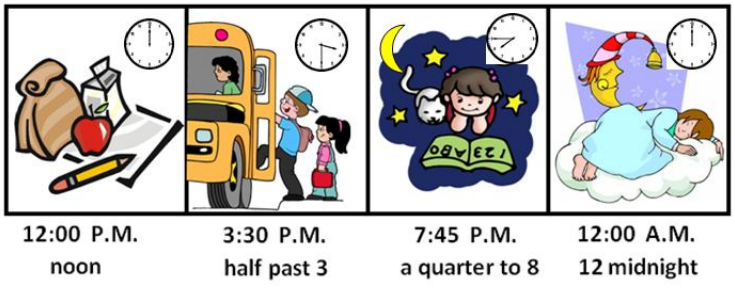
300 + 40 + 2 = 342

The value a digit has because of its place in a number.

p.m.

p.m.

p.m.

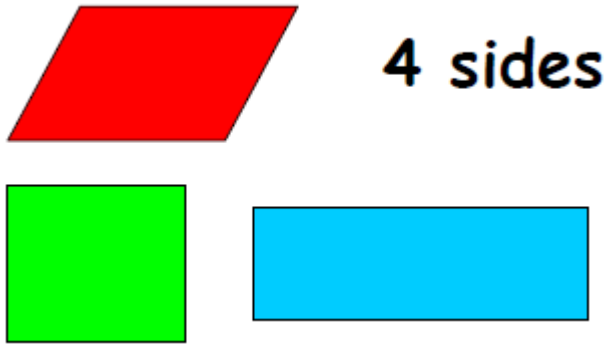


The time between 12:00 noon and 12:00 midnight.

quadrilateral

---

quadrilateral



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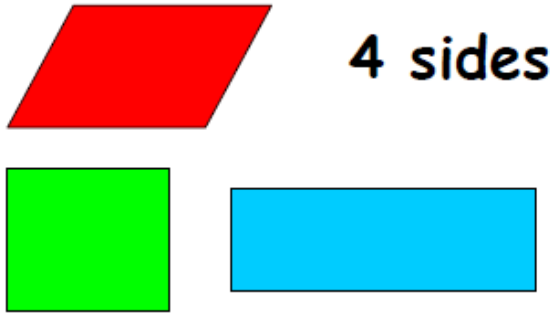
quadrilateral



A figure with
4 straight sides.

quarter

quarter

25 ¢

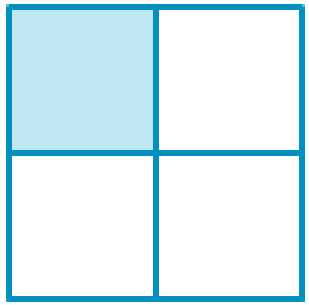
quarter

25 ¢

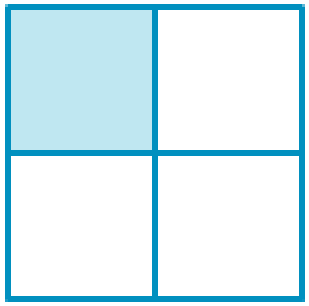
A coin worth 25 cents.

quarter of

quarter of



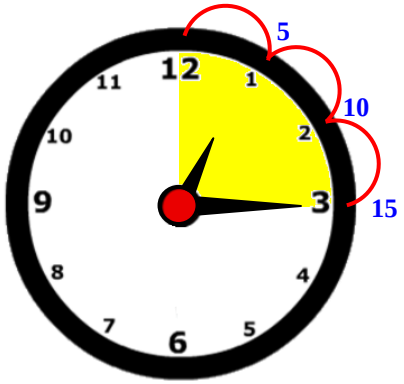
quarter of



One of 4 equal parts.

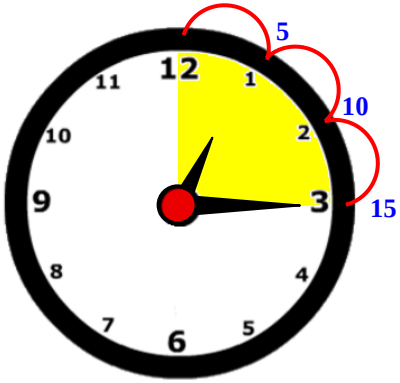
quarter-hour

quarter-hour



15 minutes = 1 quarter-hour

quarter-hour



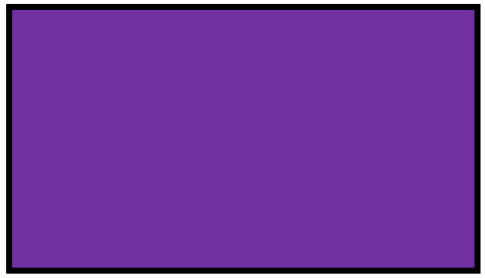
15 minutes = 1 quarter-hour

A unit of time worth 15 minutes.

rectangle

rectangle

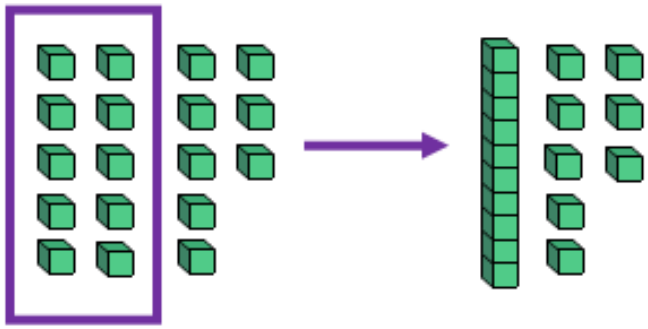
rectangle



A figure with 4 sides and 4 square corners.

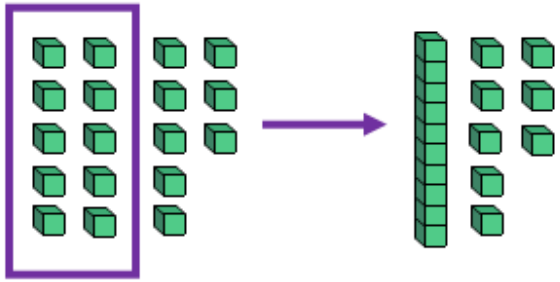
regroup

regroup



Regroup 18 ones as 1 ten and 8 ones

regroup



Regroup 18 ones as 1 ten and 8 ones

To re-arrange the formation of a group.

sequence

---

sequence

1 +4 5 +4 9 +4 13

---

sequence

1 +4 5 +4 9 +4 13

Skip counting forward from a given number.

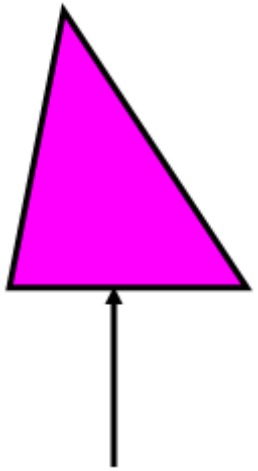
side

(of a shape)

---

side

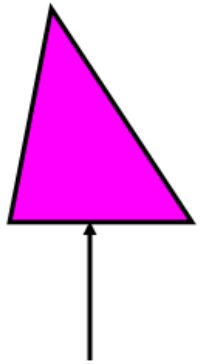
(of a shape)



---

side

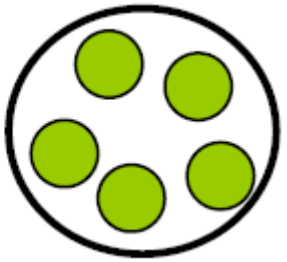
(of a shape)



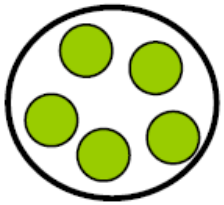
A line that forms a shape
on a closed figure.

sort

sort



sort

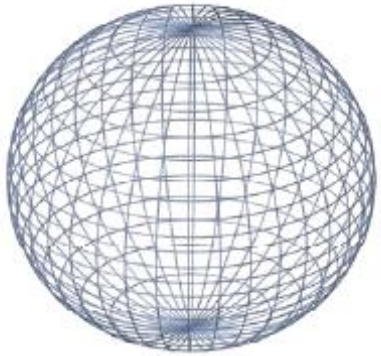


To group or organize according to shared attributes.

sphere

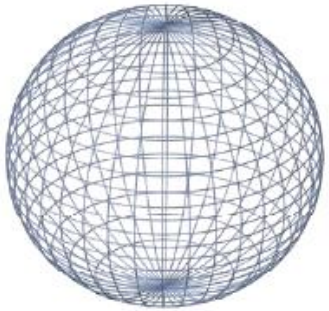
---

sphere



---

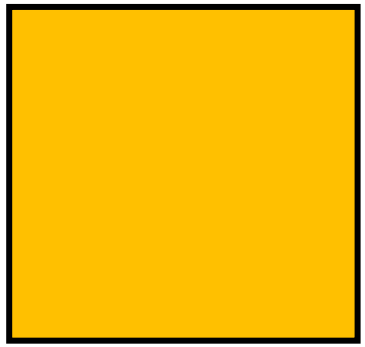
sphere



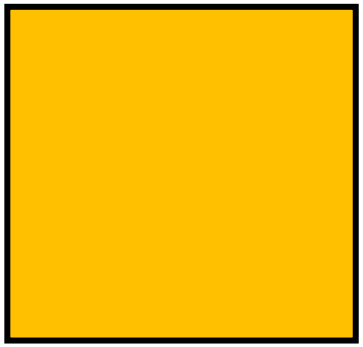
A geometric solid with a curved surface.

square

square



square



A figure with 4 sides that are the same length and 4 right angles.

standard form

---

standard form

234

---

standard form

234

A common way of writing a number using digits.

subtract

subtract

5 – 2 = 3

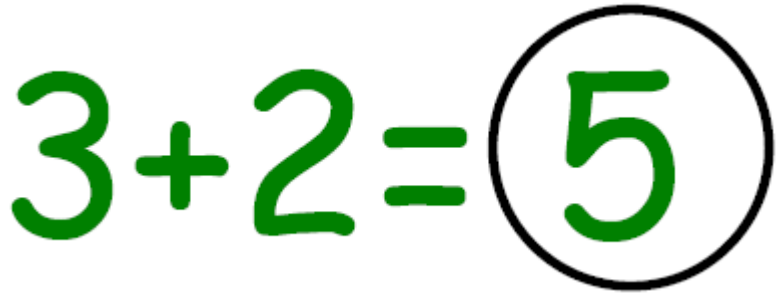
subtract

5 – 2 = 3

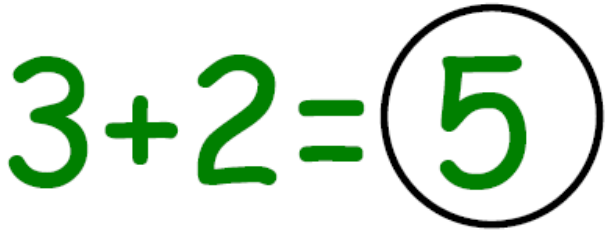
Take away, remove, or compare.

sum

sum



sum



The answer to an addition problem.

tens

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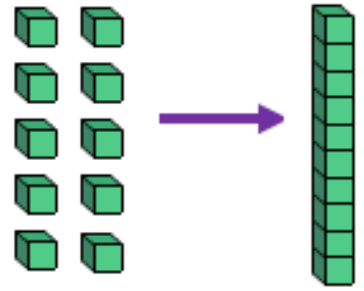
tens



10 ones = 1 ten

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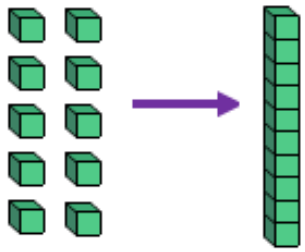
tens

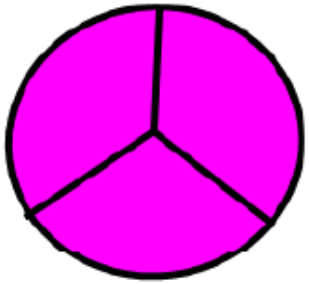


10 ones = 1 ten

Something with ten parts or units.

thirds

thirds

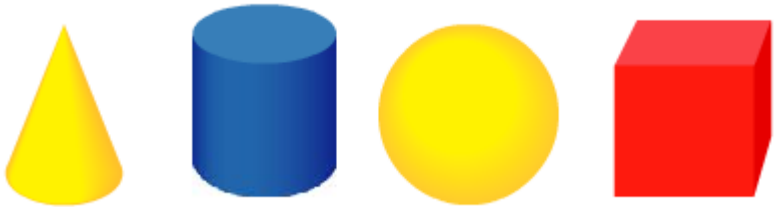


thirds

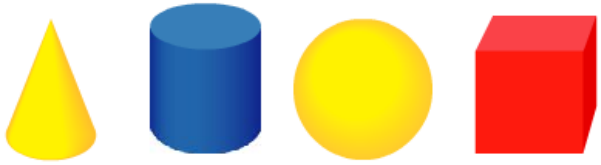
The parts you get when you divide something into 3 equal parts.

3-dimensional

3-dimensional



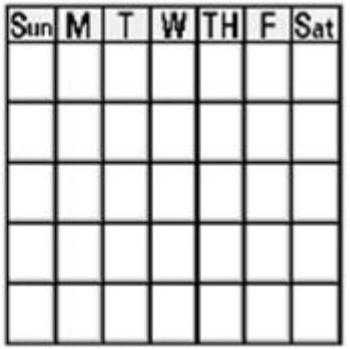
3-dimensional



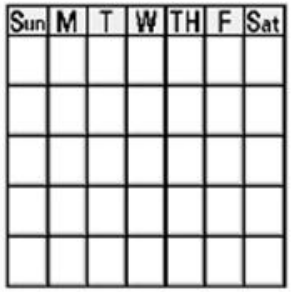
Solid shapes that have length, width, and height.

time

time



time



How many seconds,
minutes, hours, days,
months, years, and so on.
Time is shown
on a clock or calendar.

triangle

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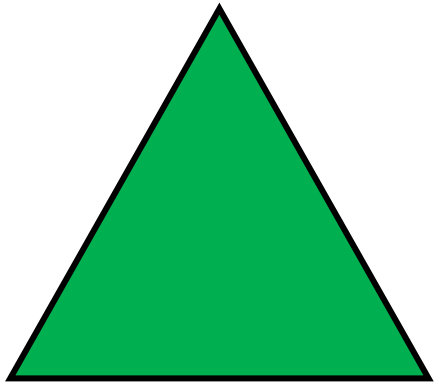
triangle



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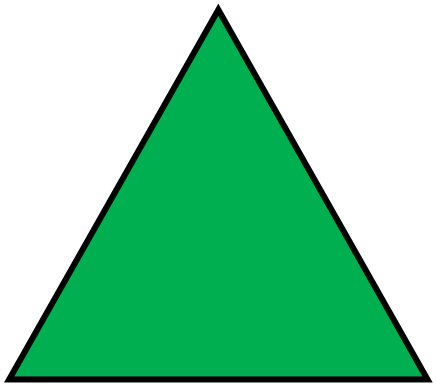
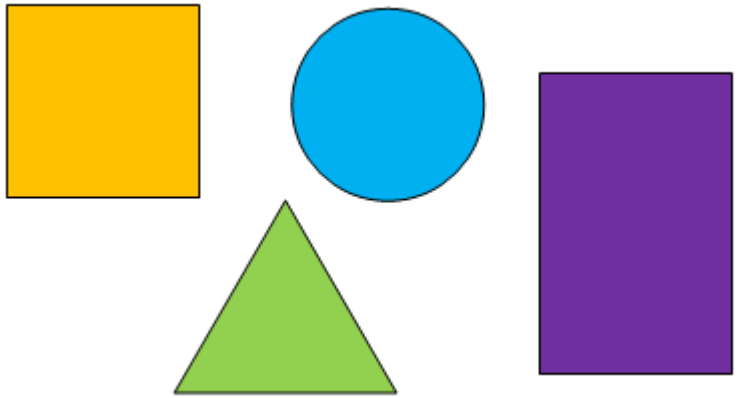
triangle



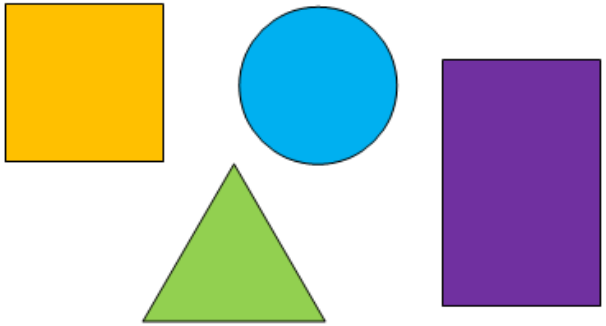
A figure with
3 straight sides.

2-dimensional

2-dimensional



2-dimensional



Lying on a plane; flat.

unit

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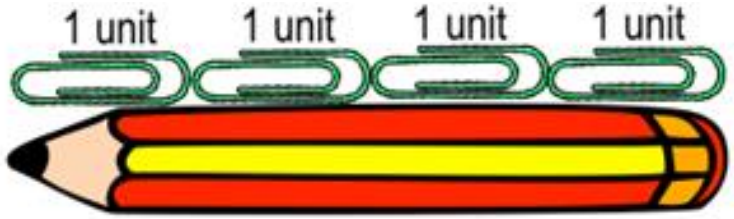
unit



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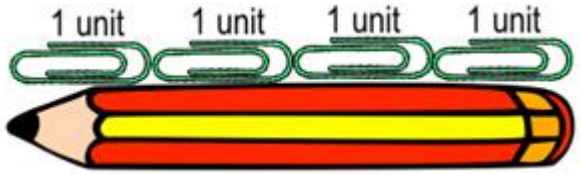
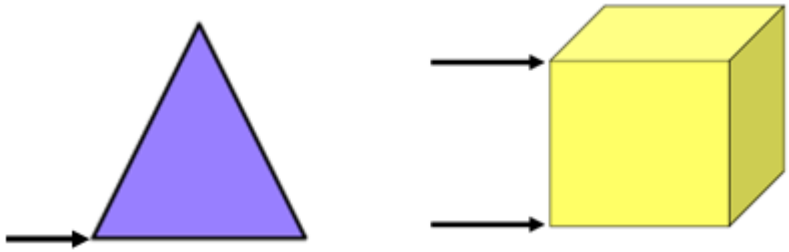
unit



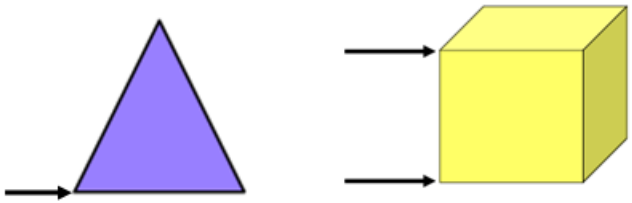
What is used to measure the height, length, or heaviness of something.

vertex

vertex



vertex



The point where sides of a shape or angle meet. Vertices describes more than one vertex.

weight

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weight

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weight

The measure of how heavy something is.

whole numbers

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whole numbers

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whole numbers

Whole numbers are 0 and the counting numbers 1, 2, 3, 4, 5, 6, and so on.

word form

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word form

The word form of 234 is two hundred, thirty-four.

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word form

The word form of 234 is two hundred, thirty-four.

A way of using words to write a number.