

Vocabulary Cards and Word Walls

Revised: May 23, 2011

Important Notes for Teachers:

- The vocabulary cards in this file match the Common Core, the math curriculum adopted by the Utah State Board of Education, August 2010.
- The cards are arranged alphabetically.
- Each card has three sections.
 - Section 1 is only the word. This is to be used as a visual aid in spelling and pronunciation. It is also 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 available to be used as a model by the teacher.
 - Section 3 has the word, a graphic, and a definition. This is to be used for the Word Wall in the classroom. For more information on using a Word Wall for Daily Review – see “Vocabulary – Word Wall Ideas” on this website.
- These cards are designed to help all students with math content vocabulary, including ELL, Gifted and Talented, Special Education, and Regular Education students.

For possible additions or corrections to the vocabulary cards, please contact the Granite School District Math Department at 385-646-4239.

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

Illustrated Dictionary of Math, Usborne Publishing Ltd., 2003. ISBN 0-7945-0662-3

Math Dictionary, Eula Ewing Monroe, Boyds Mills Press, 2006. ISBN-13: 978-1-59078-413-6

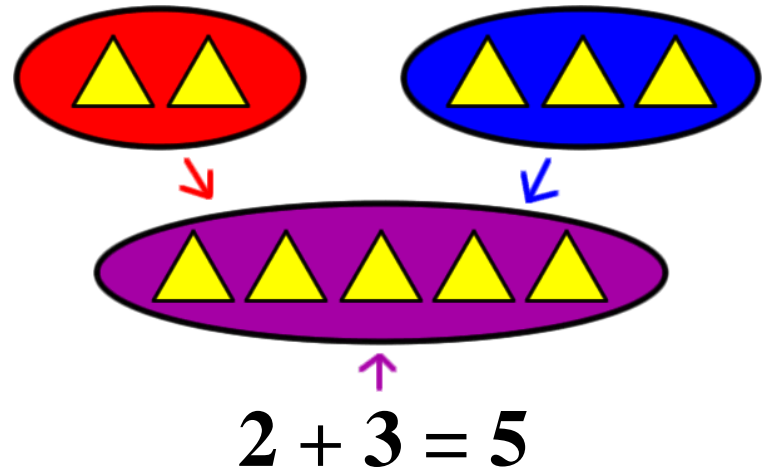
Student Reference Books, Everyday Mathematics, 2007.

Houghton-Mifflin eGlossary, <http://www.eduplace.com>

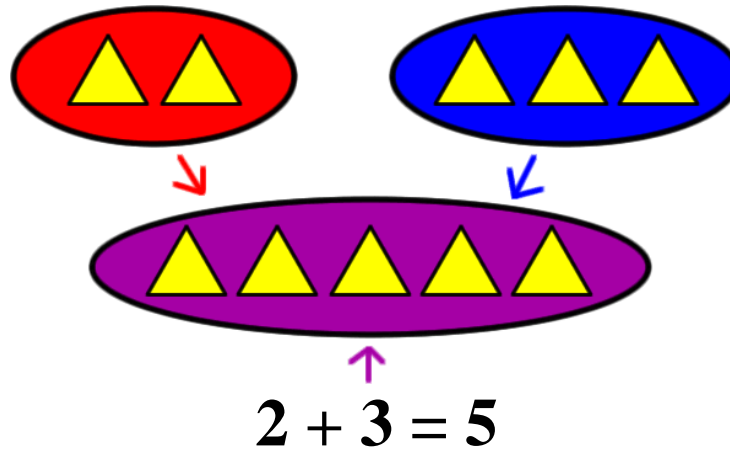
Interactive Math Dictionary, <http://www.amathsdictionaryforkids.com/>

add

add



add



To combine, put together two or more quantities.

addend

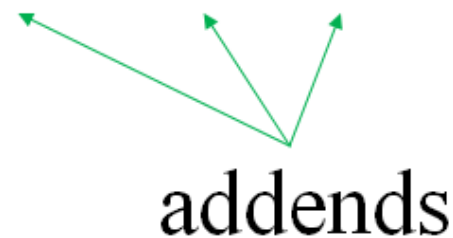
addend

$$5 + 3 + 2 = 10$$



$$5 + 3 + 2 = 10$$

addend



Any number being
added.

analog clock

analog
clock



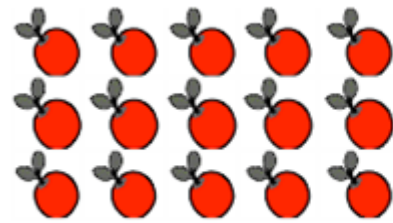
analog
clock



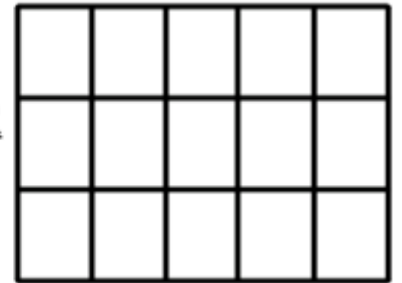
A clock that shows
the time by the
positions of the
hour and minute
hand.

array

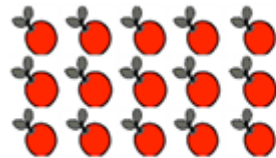
array



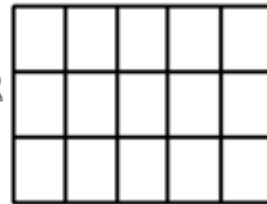
OR



array



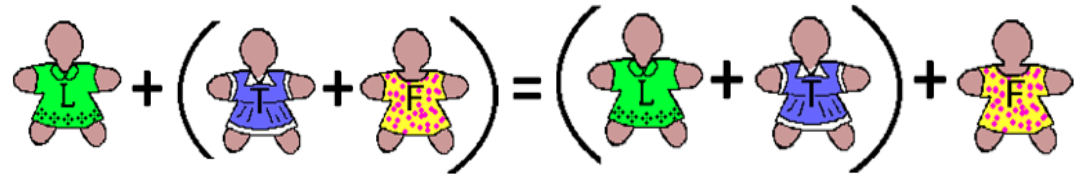
OR



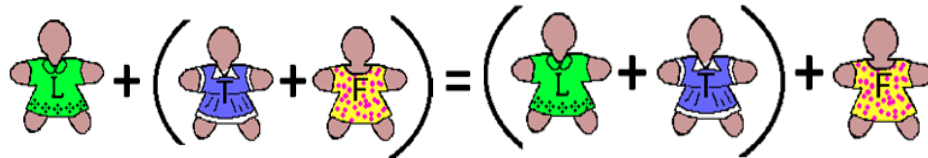
An arrangement of objects in equal rows and equal columns.

Associative Property of Addition

Associative Property of Addition



Associative Property of Addition



Changing the grouping of 3 or more addends does not change the sum.

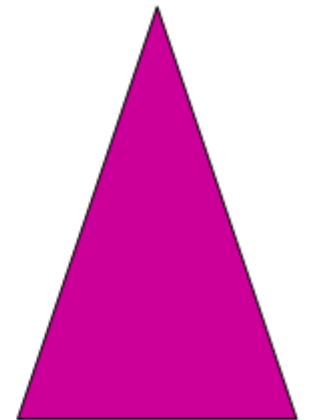
attribute

attribute

large

triangle

pink

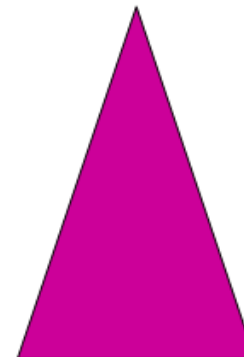


attribute

large

triangle

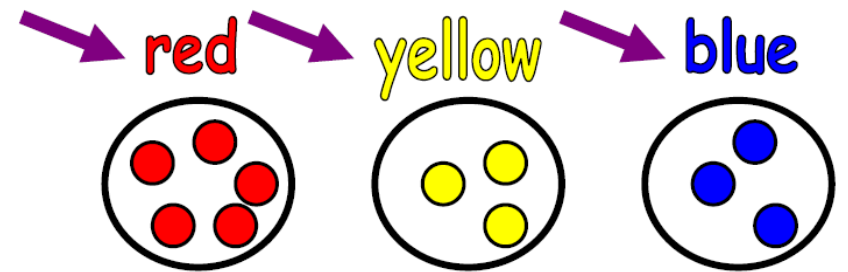
pink



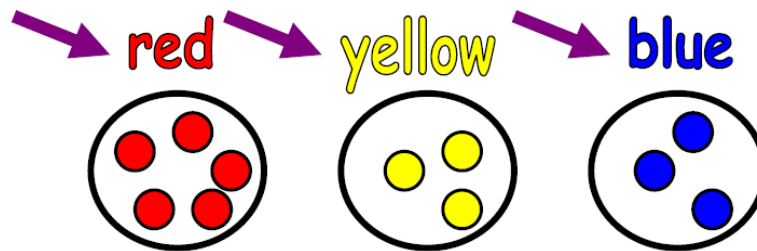
A characteristic of an object, such as color, shape, size, etc.

category

category



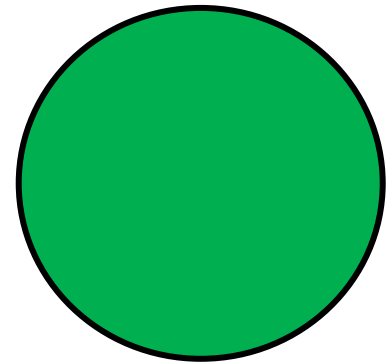
category



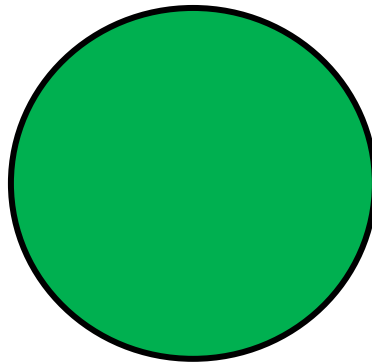
A collection of things sharing a common attribute.

circle

circle



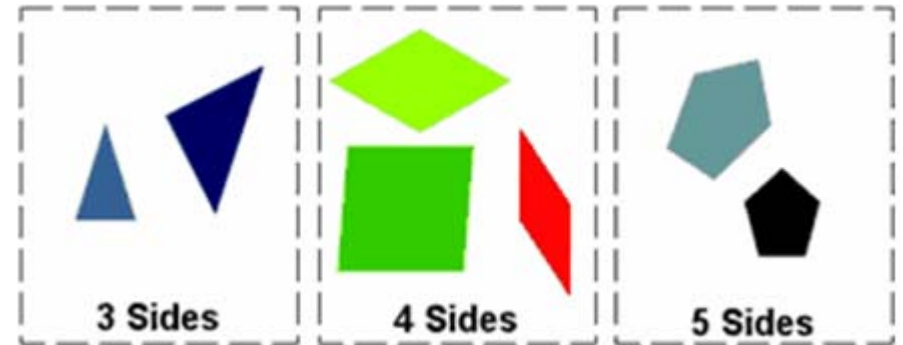
circle



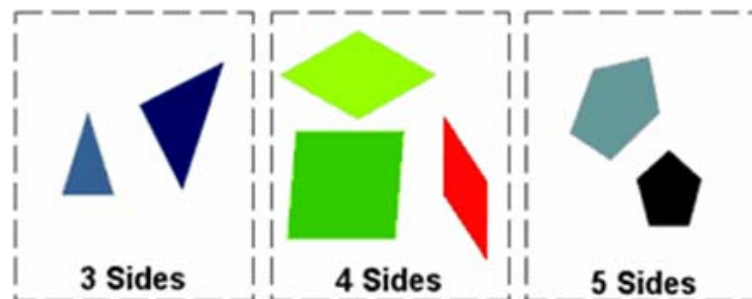
A figure with no
sides and no
vertices.

classify

classify



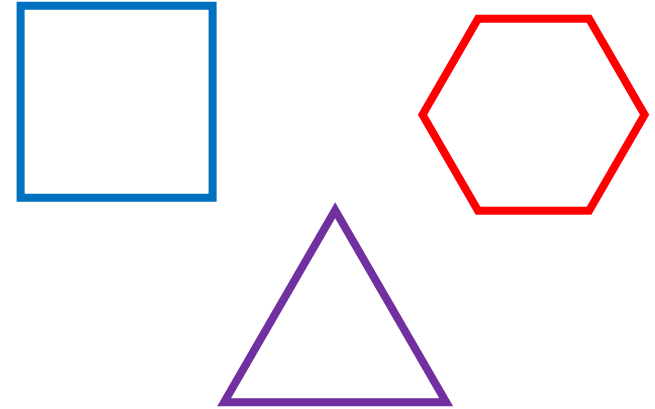
classify



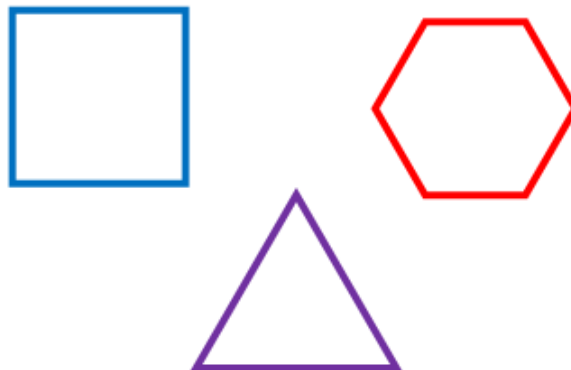
To sort into categories or to arrange into groups by attributes.

closed figure

closed
figure



closed
figure

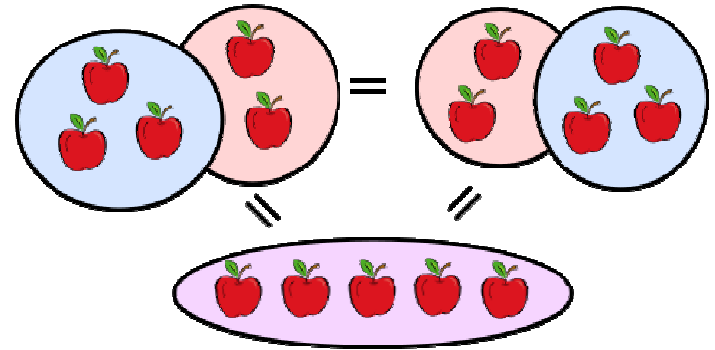


A figure with all the
sides connected.

Commutative Property of Addition

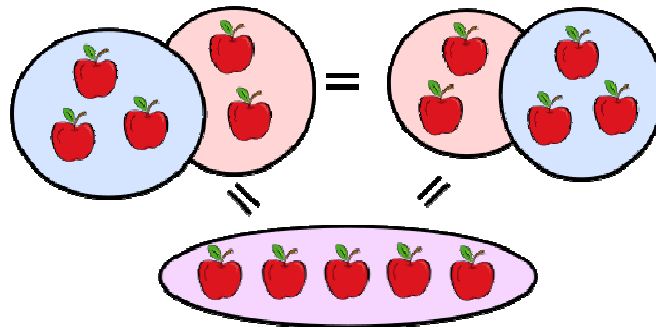
Commutative property of Addition

$$3 + 2 = 2 + 3$$



Commutative Property of Addition

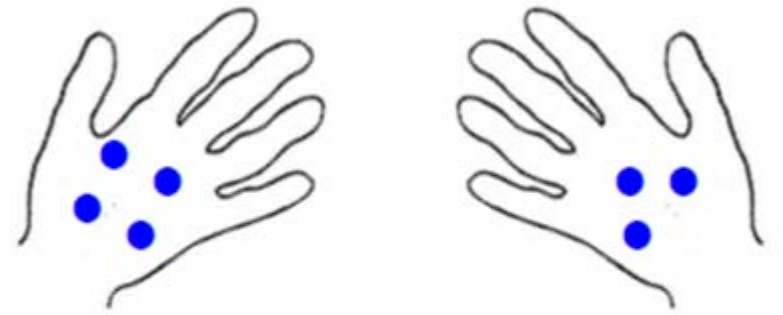
$$3 + 2 = 2 + 3$$



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

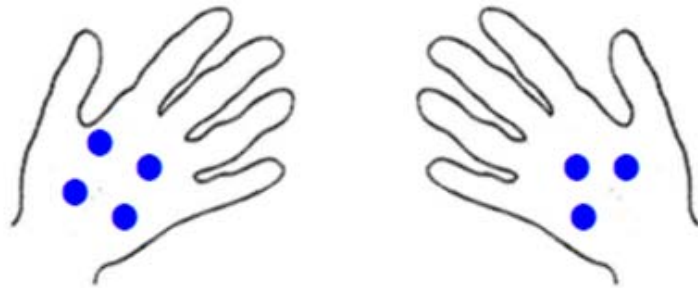
compare

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 number.

compose

compose



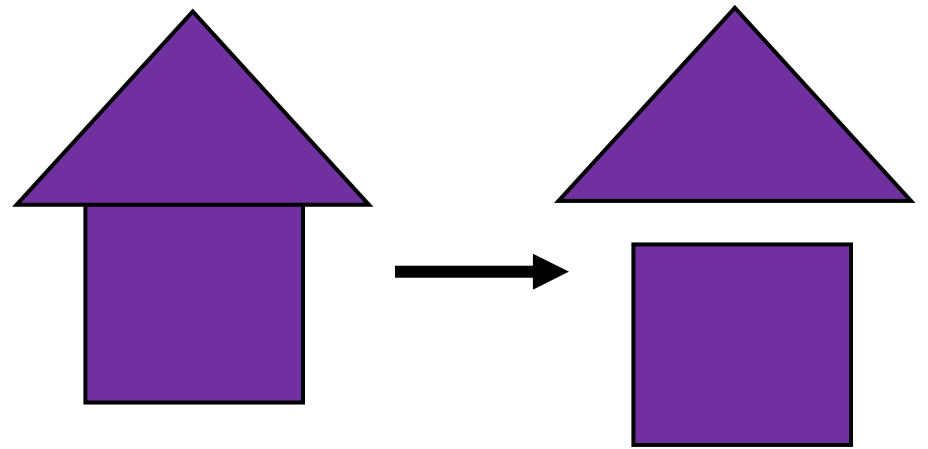
compose



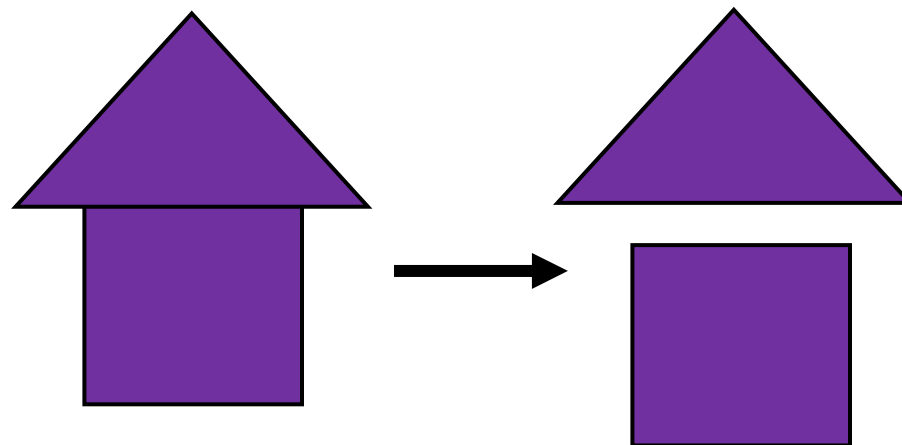
To put together
basic elements.

composite shape

**composite
shape**



**composite
shape**



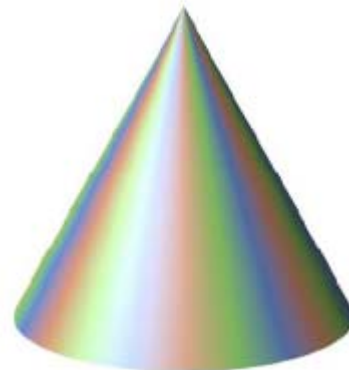
A figure that is
made from 2 or
more geometric
figures.

cone

cone



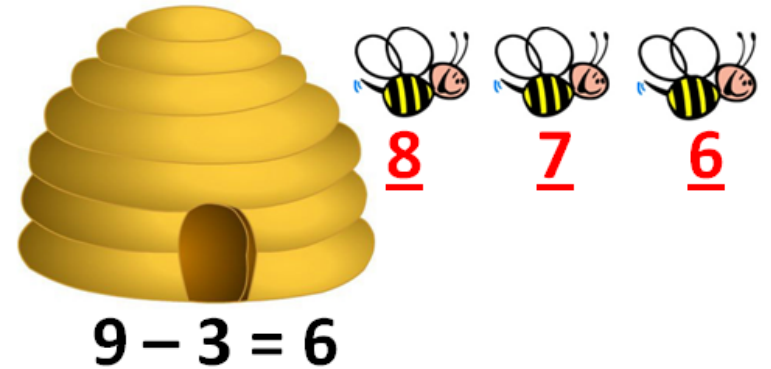
cone



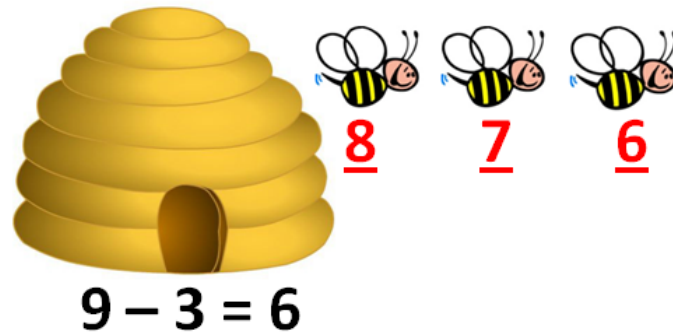
A geometric solid with a circular base and curved surface that meets at a point.

count back

count
back



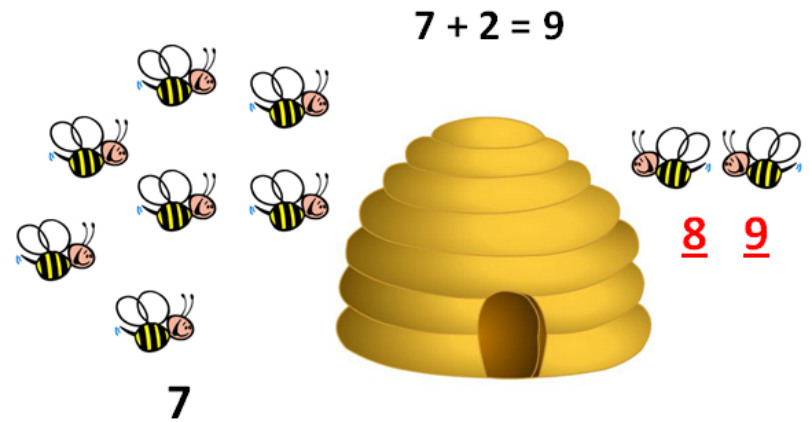
count
back



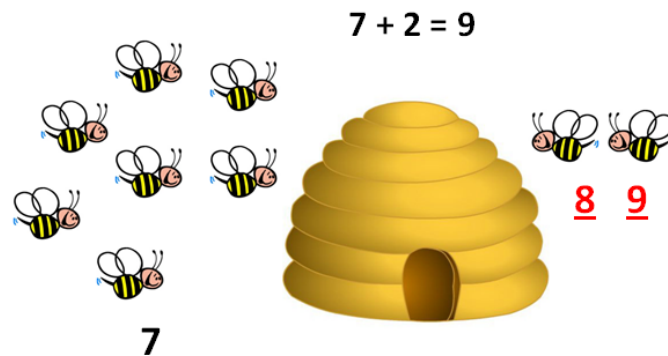
A way to subtract.

count on

count on



count on



A way to add.

counting up

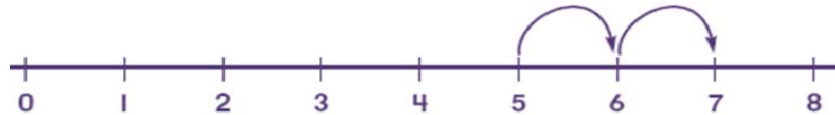
counting
up



$$7 - 5 = 2$$

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

counting
up



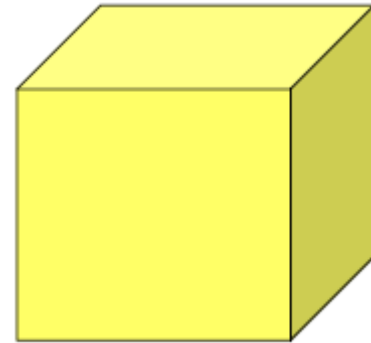
$$7 - 5 = 2$$

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

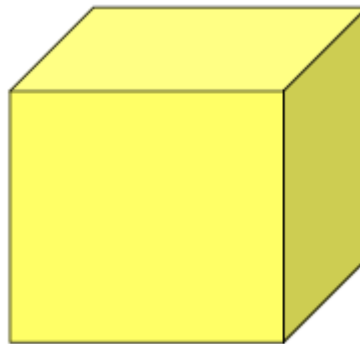
A way to subtract.
Finding the
difference by
adding up from the
smaller number to
the larger number.

cube

cube



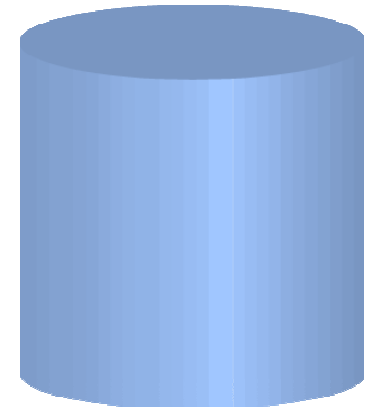
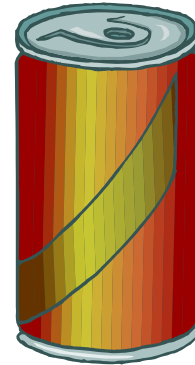
cube



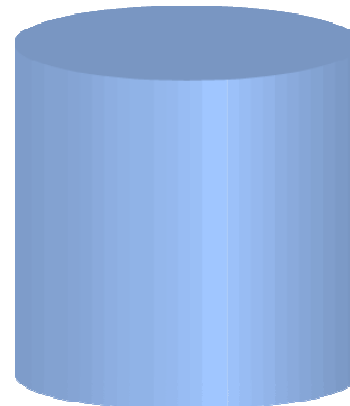
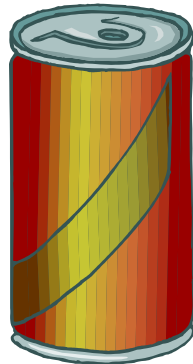
A solid figure with
six square faces.

cylinder

cylinder



cylinder









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







data

data

data collecting

 car	X ^X X ^X X ^X			
 truck	X ^X X ^X	car	truck	bus
 bus	X ^X			

data collecting

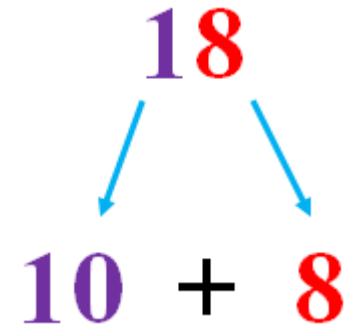
 car	X ^X X ^X X ^X			
 truck	X ^X X ^X	car	truck	bus
 bus	X ^X			

A collection of information.

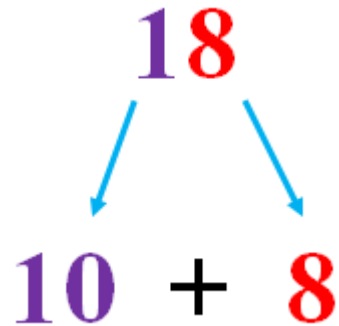
data

decompose

decompose



decompose



To separate into
basic elements.

difference

difference

$$3 - 2 = 1$$

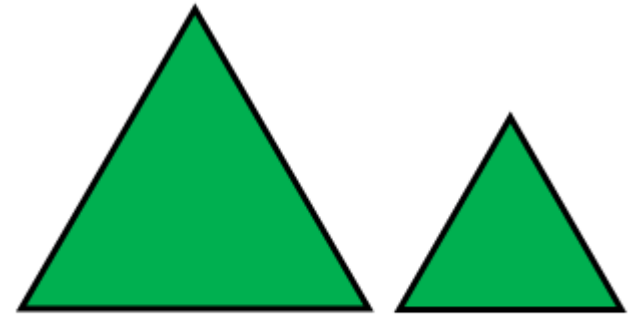
difference

$$3 - 2 = 1$$

The result when one
number is
subtracted from
another.

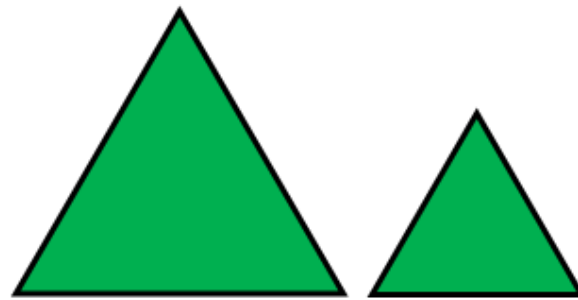
different

different



Different size but same shape.

different



Different size but same shape.

Compare 2 or more
objects or figures to
find what is not the
same.

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



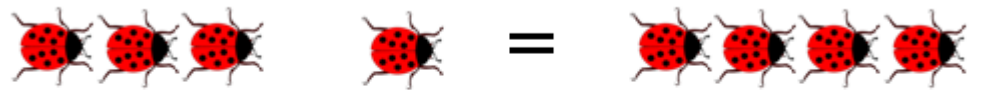
digital
clock



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

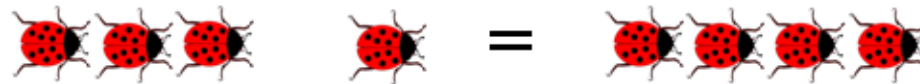
equal

equal



3 + 1 is the same amount as 4

equal

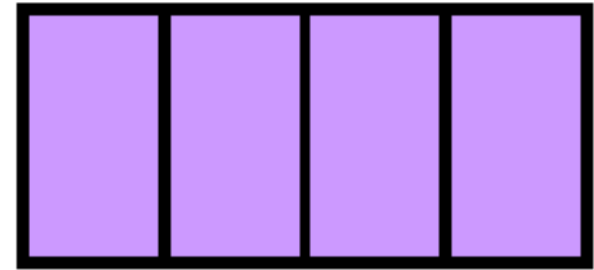


3 + 1 is the same amount as 4

Having the same amount.

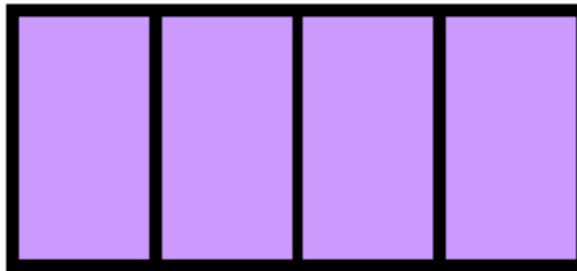
equal shares

equal
shares



4 equal parts

equal
shares

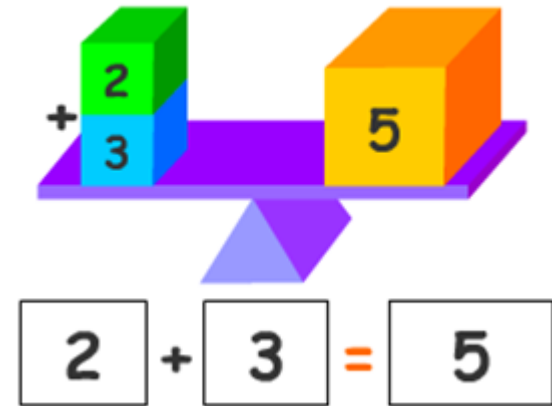


4 equal parts

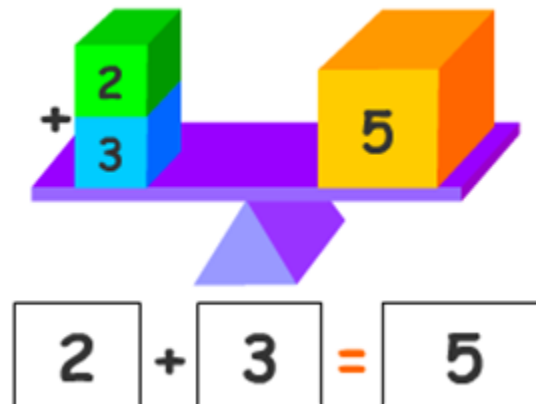
Equal parts of
a whole.

equation

equation



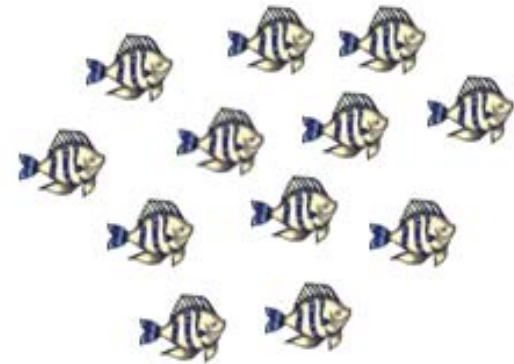
equation



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.

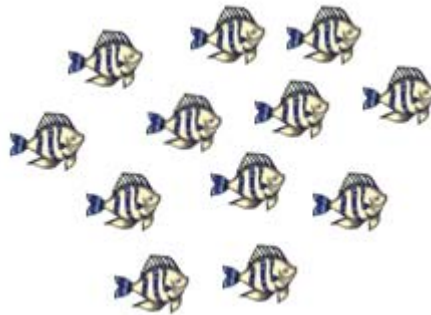
estimate

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.

expression

expression

$$6 + 3 - 1$$

no equal sign

expression

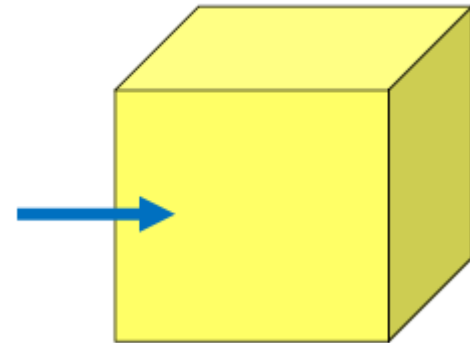
$$6 + 3 - 1$$

no equal sign

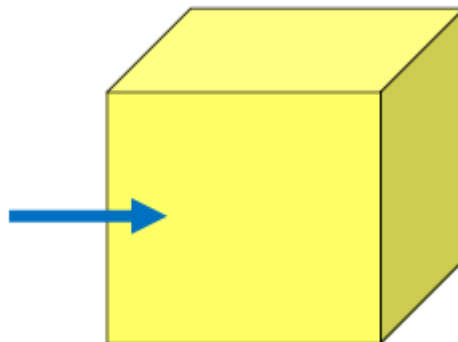
A mathematical phrase without an equal sign.

face

face



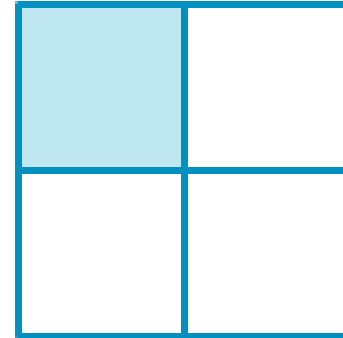
face



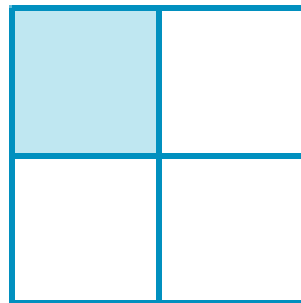
A surface on a
solid figure.

fourth of

fourth of



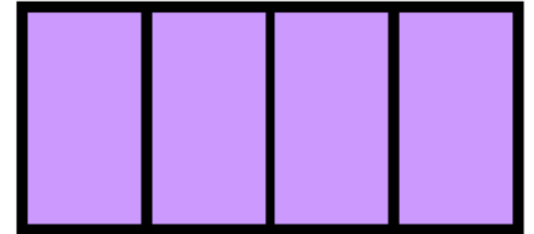
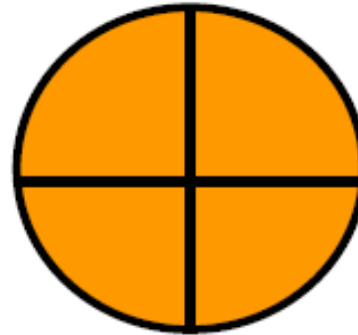
fourth of



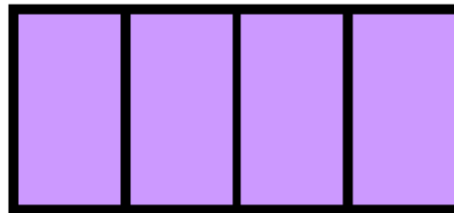
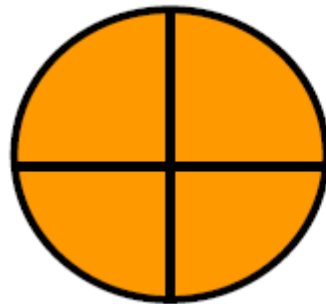
One of four equal parts.

fourths

fourths



fourths



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

geometric solid

geometric
solid



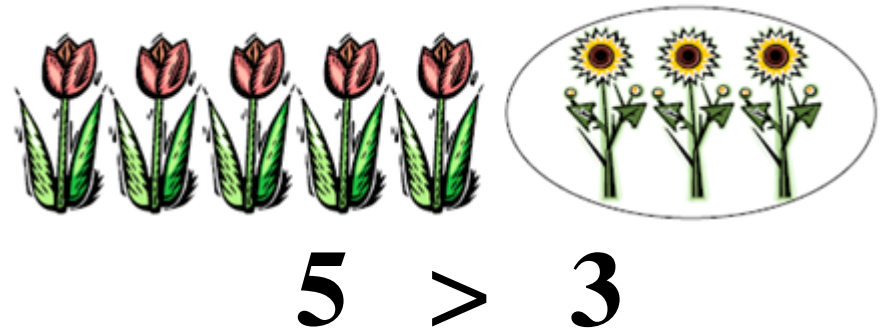
geometric
solid



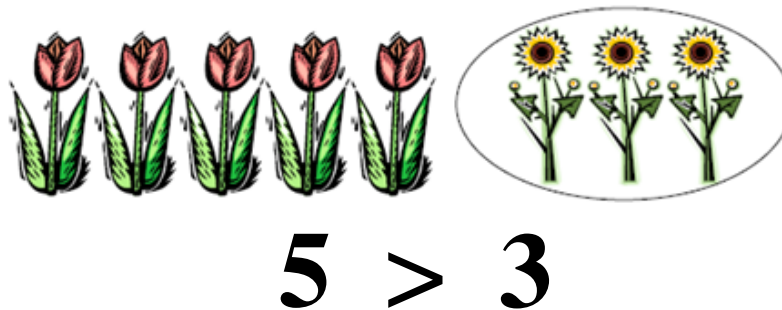
A three dimensional
figure.

greater than

greater
than



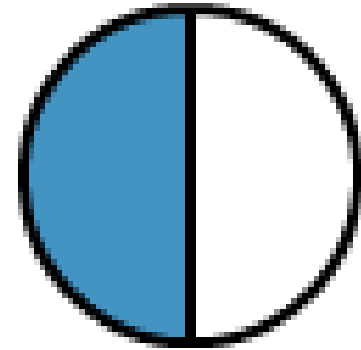
greater
than



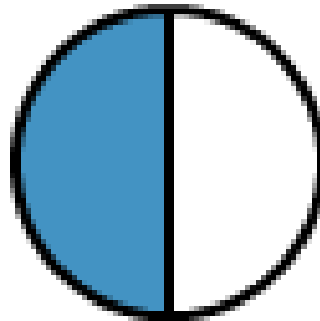
Greater than is used to compare two numbers when the first number is larger than the second number.

half circle

half
circle



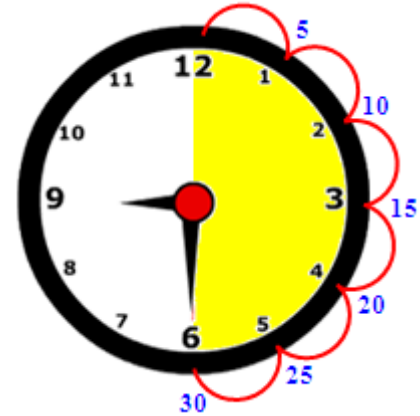
half
circle



One of two equal
parts of a circle.
(semi-circle)

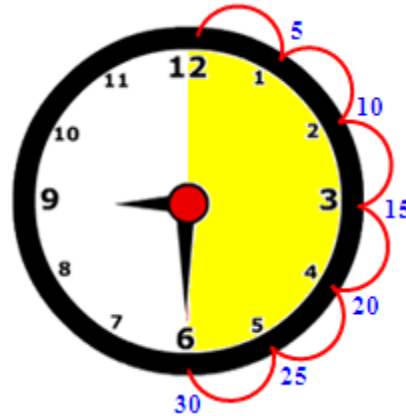
half hour

half hour



30 minutes = one half-hour

half hour

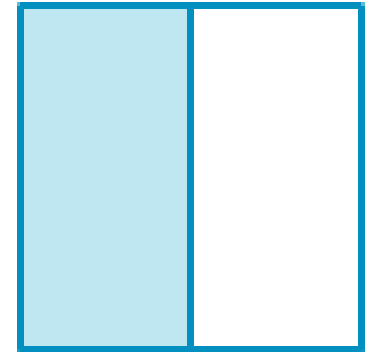


30 minutes = one half-hour

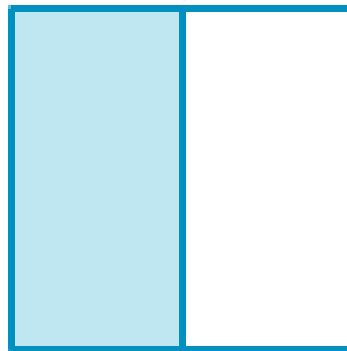
A unit of time equal
to 30 minutes.

half of

half of



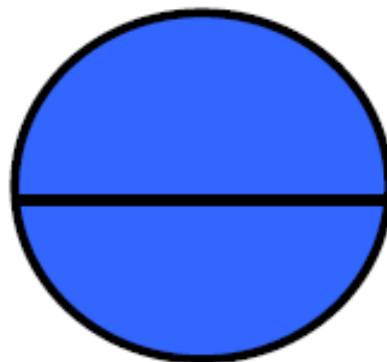
half of



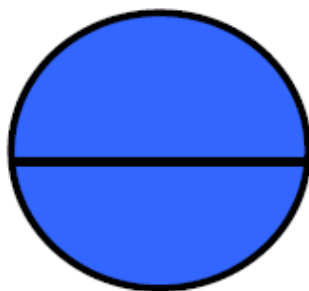
One of 2 equal
parts.

halves

halves



halves



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

heavier

heavier



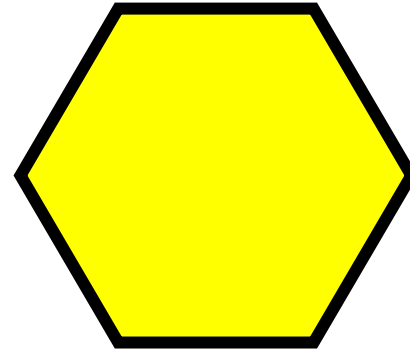
heavier



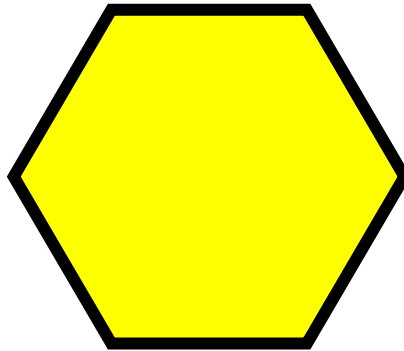
Having a weight
that is greater than
that of another
object.

hexagon

hexagon



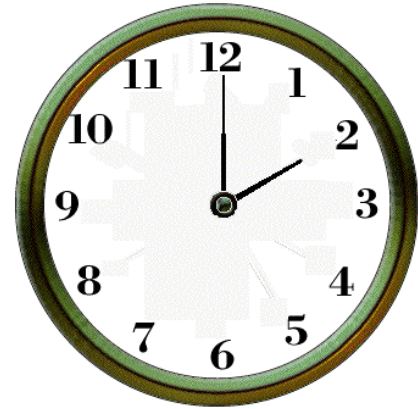
hexagon



A figure with 6
straight sides.

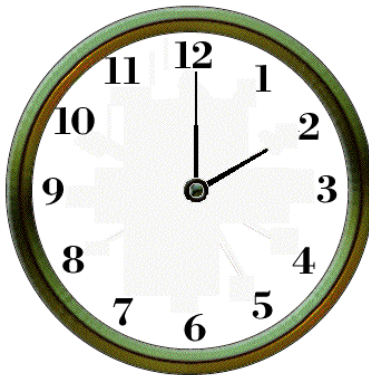
hour (hr)

hour (hr)



60 minutes = 1 hour

hour (hr)

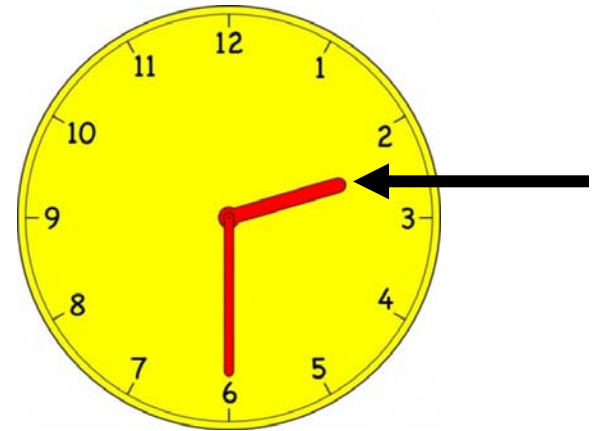


60 minutes = 1 hour

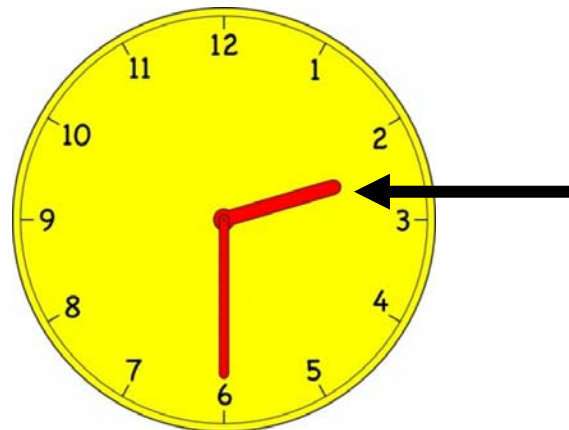
A unit of time equal
to
60 minutes.

hour hand

hour
hand



hour
hand



The short hand on a
clock.

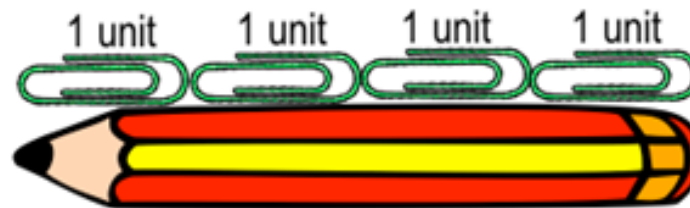
iterate

iterate



Laying multiple paper clips end to end to measure the length of a pencil.

iterate

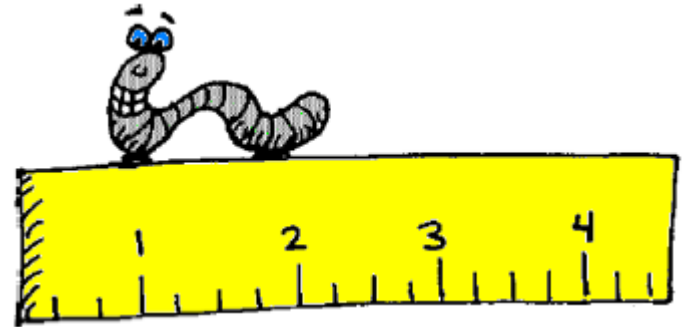


Laying multiple paper clips end to end to measure the length of a pencil.

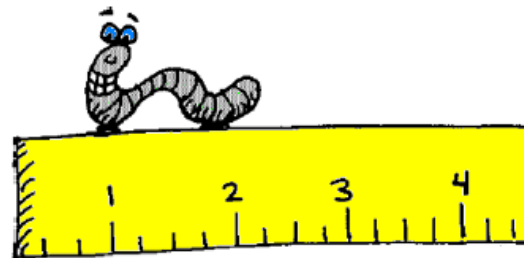
To repeat; to do again and again; to make repeated use of a mathematical procedure.

length

length



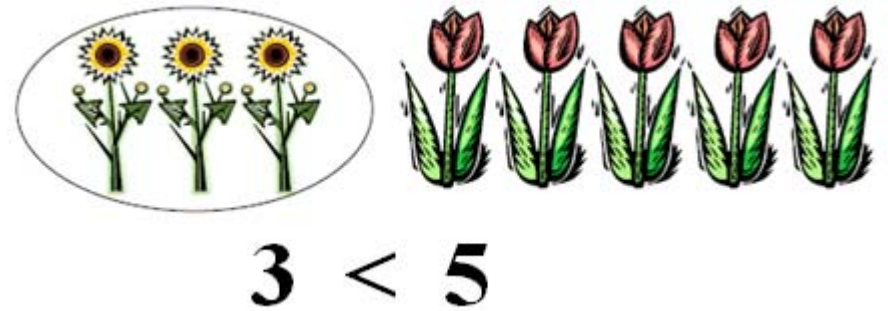
length



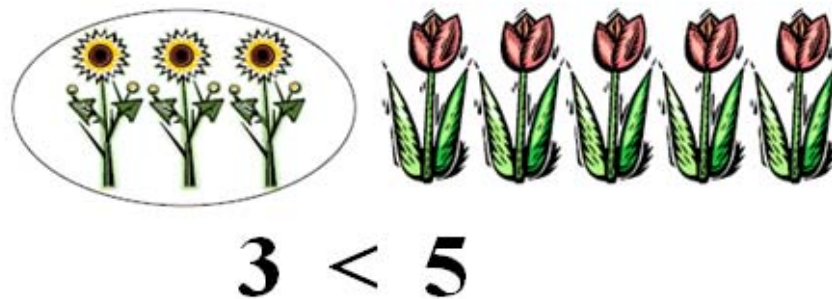
How long something is. The distance from one point to another.

less than

less than



less than



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

lighter

lighter



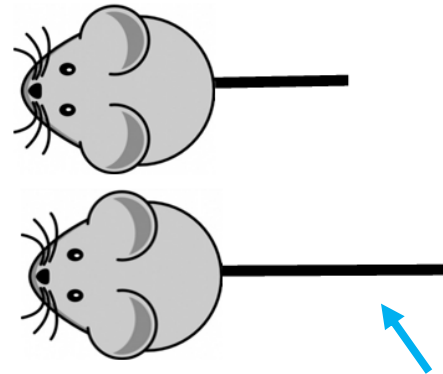
lighter



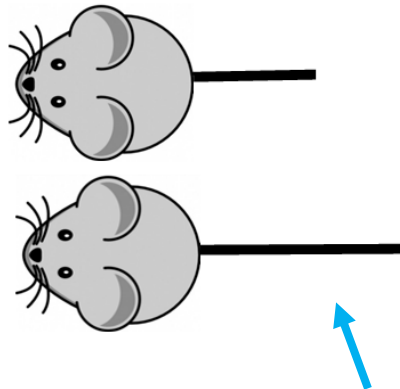
Having a weight
that is less than that
of another object.

longer

longer



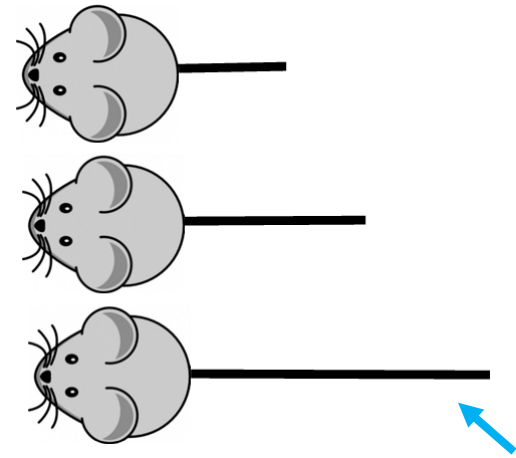
longer



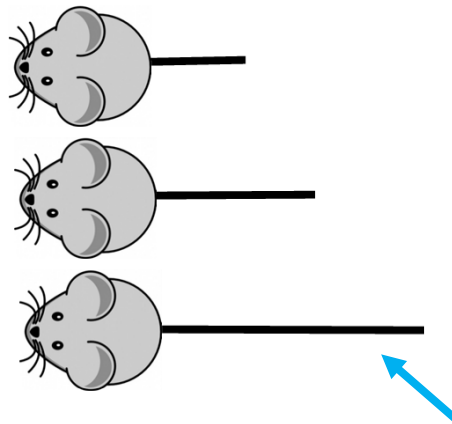
A word used when
comparing the
length of two
objects.

longest

longest



longest



A word used when
ordering three or
more objects by
length.

