

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

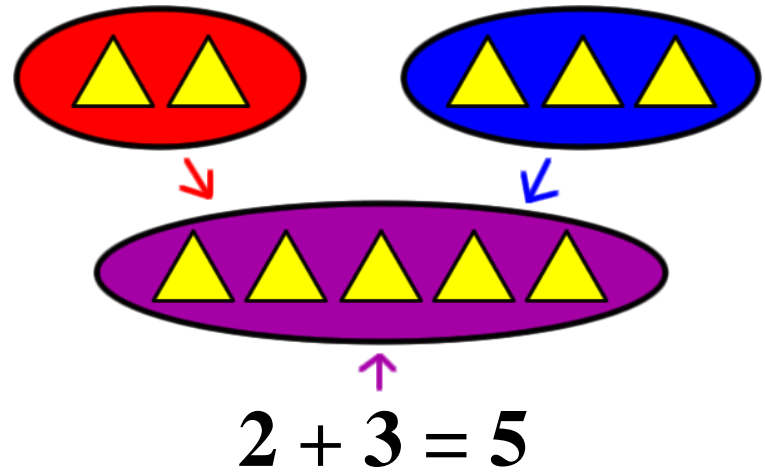
Student Reference Books, Everyday Mathematics, 2007.

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

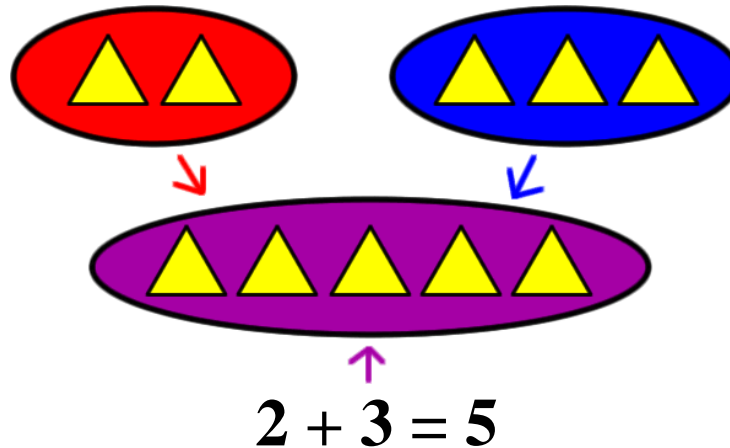
Interactive Math Dictionary, <http://www.amathsdictionaryforkids.com/>

add

add




add



To combine, put
together two or
more quantities.


addend

addend

$$5 + 3 + 2 = 10$$


addends

addend

$$5 + 3 + 2 = 10$$


addends

Any number being
added.

analog clock

analog
clock



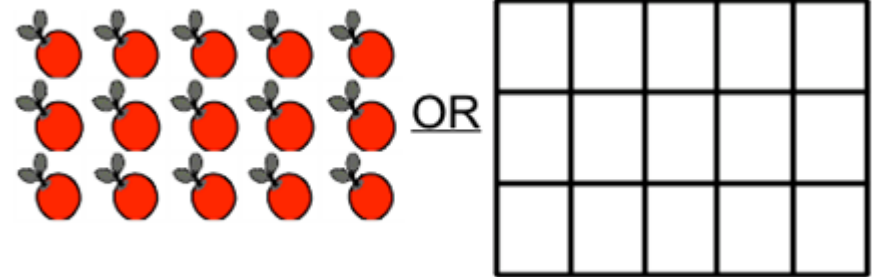
analog
clock



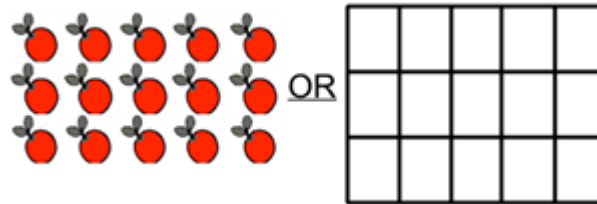
A clock that shows
the time by the
positions of the
hour and minute
hand.

array

array



array



An arrangement of
objects in equal
rows and equal
columns.

Associative Property of Addition

Associative Property of Addition

$$\begin{array}{c} \text{L} \\ \text{+} \end{array} \left(\begin{array}{c} \text{T} \\ \text{+} \end{array} \begin{array}{c} \text{F} \end{array} \right) = \left(\begin{array}{c} \text{L} \\ \text{+} \end{array} \begin{array}{c} \text{T} \end{array} \right) + \begin{array}{c} \text{F} \end{array}$$

Associative Property of Addition

$$\begin{array}{c} \text{L} \\ \text{+} \end{array} \left(\begin{array}{c} \text{T} \\ \text{+} \end{array} \begin{array}{c} \text{F} \end{array} \right) = \left(\begin{array}{c} \text{L} \\ \text{+} \end{array} \begin{array}{c} \text{T} \end{array} \right) + \begin{array}{c} \text{F} \end{array}$$

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

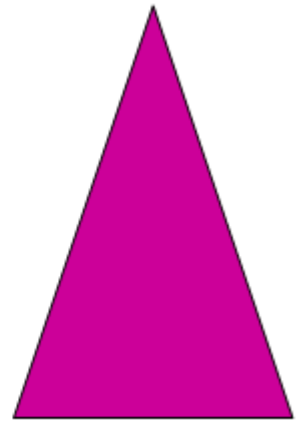
attribute

attribute

large

triangle

pink

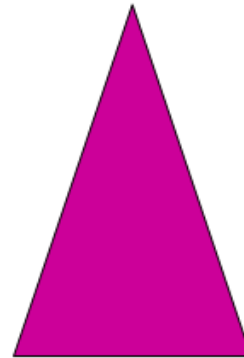


attribute

large

triangle

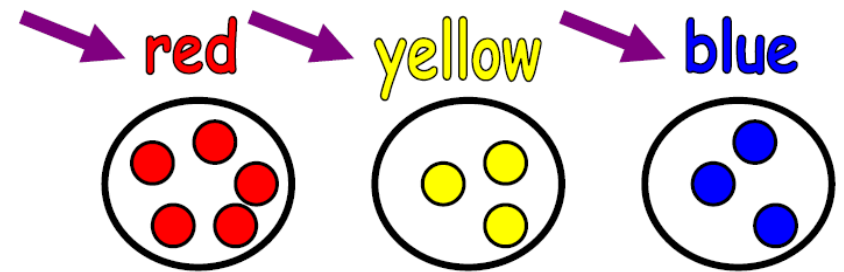
pink



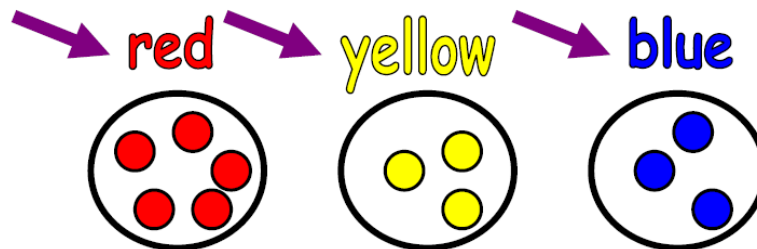
A characteristic of
an object, such as
color, shape, size,
etc.

category

category



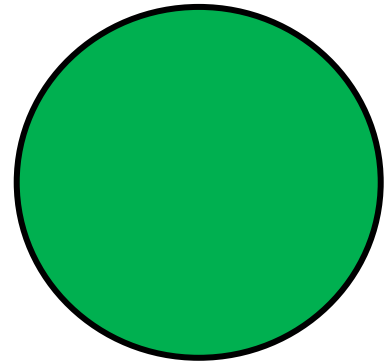
category



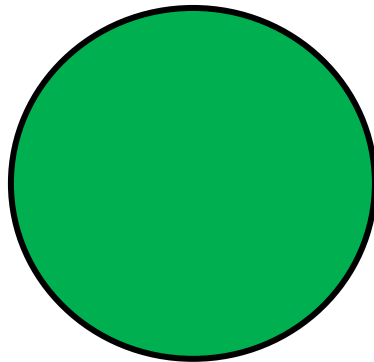
A collection of
things sharing a
common attribute.

circle

circle



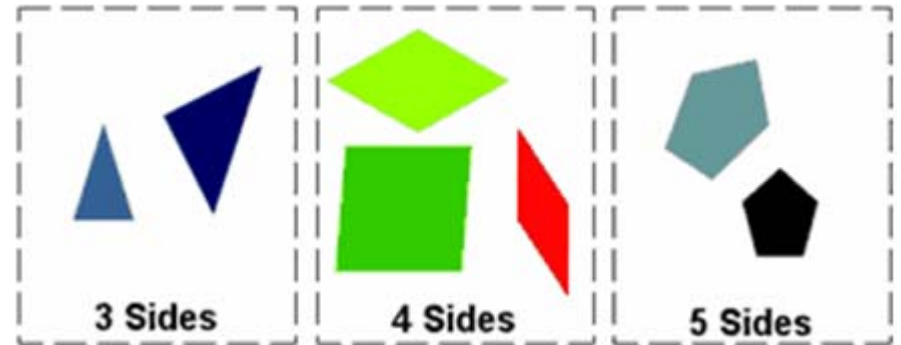
circle



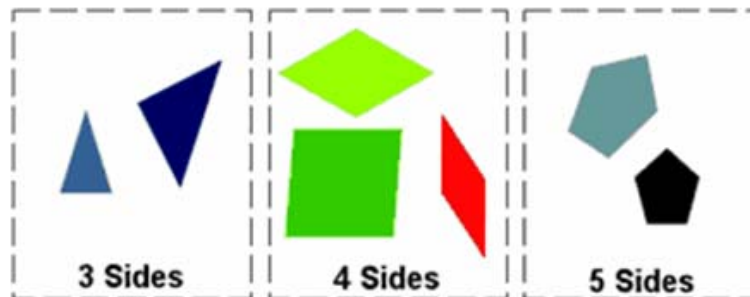
A figure with no
sides and no
vertices.

classify

classify



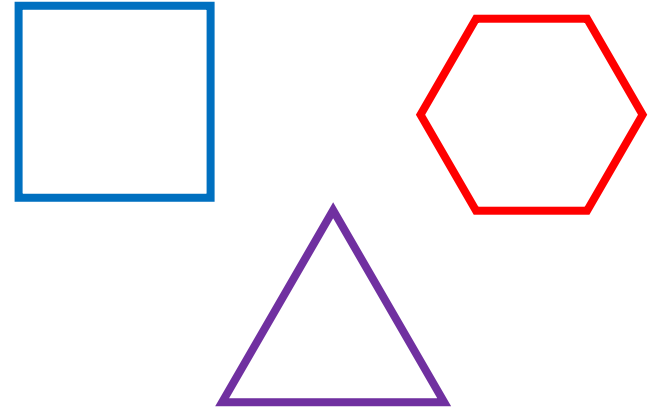
classify



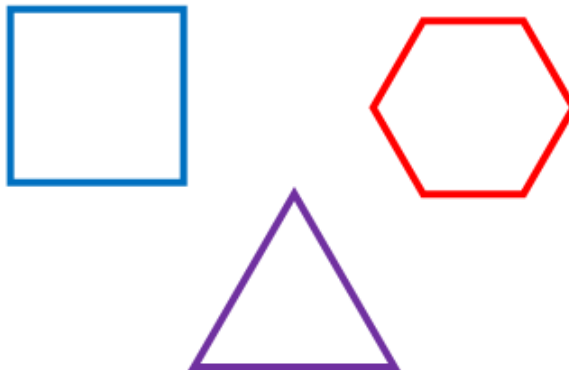
To sort into
categories or to
arrange into groups
by attributes.

closed figure

closed
figure



closed
figure

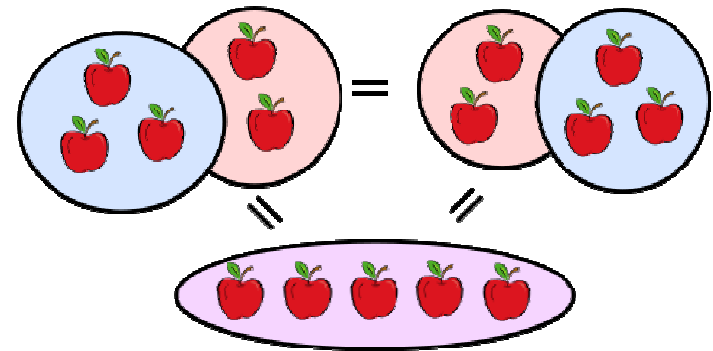


A figure with all the
sides connected.

Commutative Property of Addition

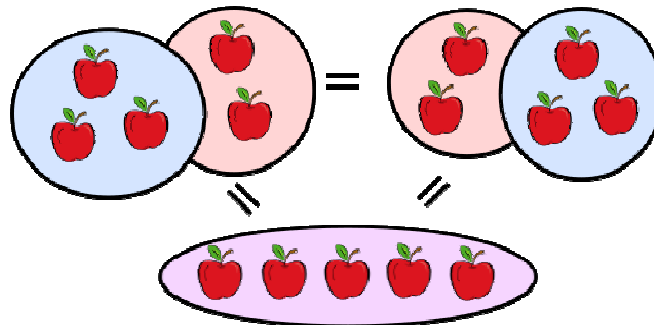
**Commutative
property of
Addition**

$$3 + 2 = 2 + 3$$



**Commutative
Property of
Addition**

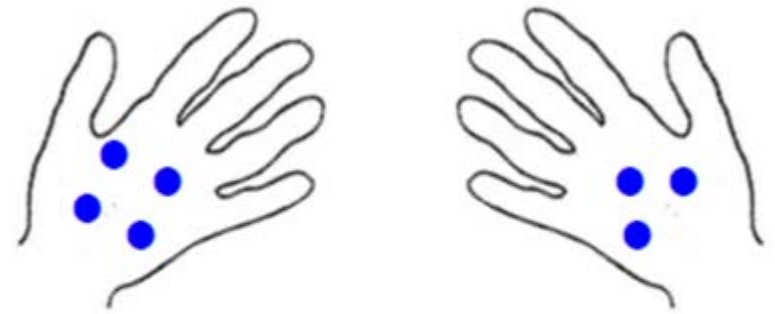
$$3 + 2 = 2 + 3$$



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

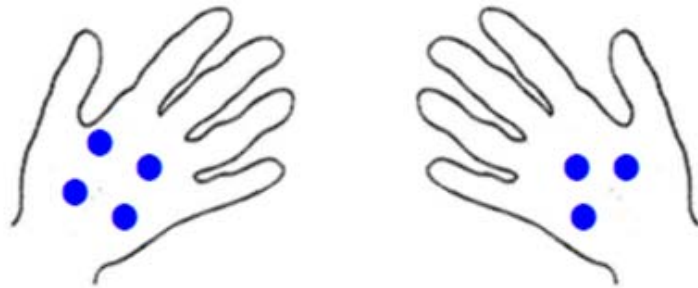
compare

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



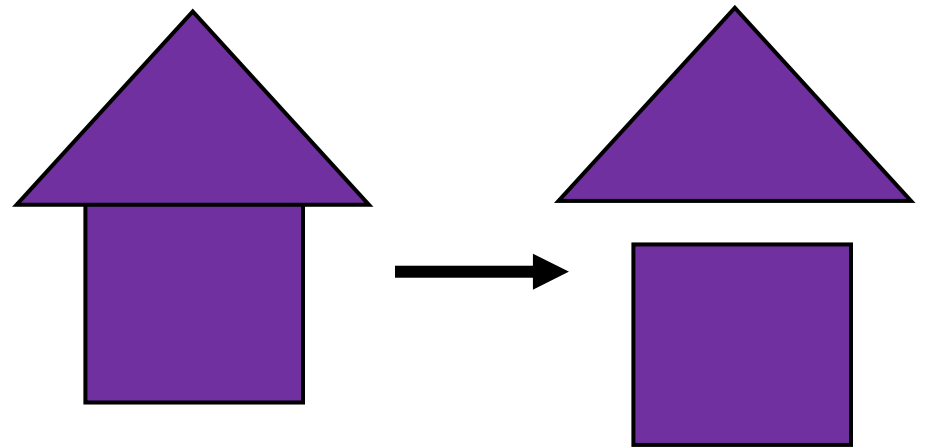
compose



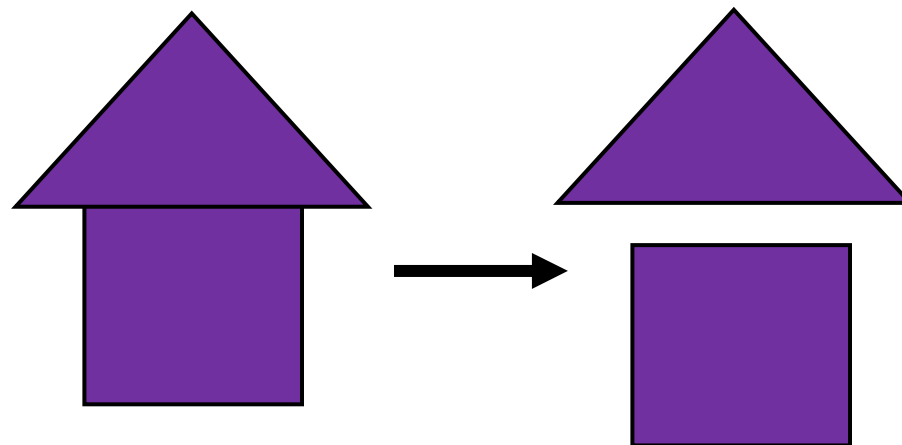
To put together
basic elements.

composite shape

**composite
shape**



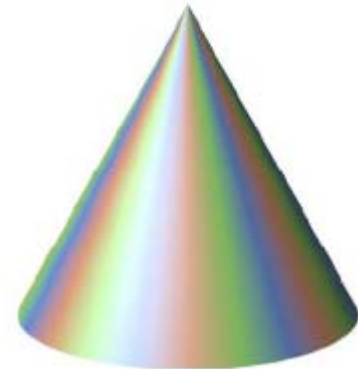
**composite
shape**



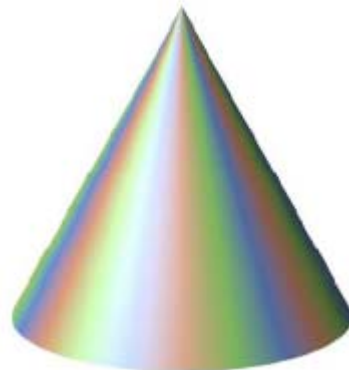
A figure that is
made from 2 or
more geometric
figures.

cone

cone



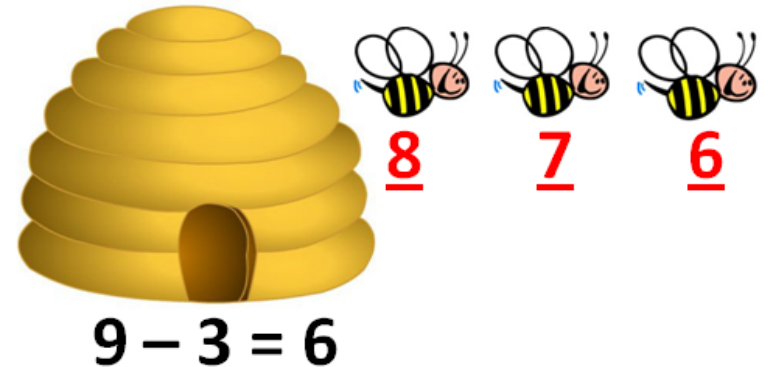
cone



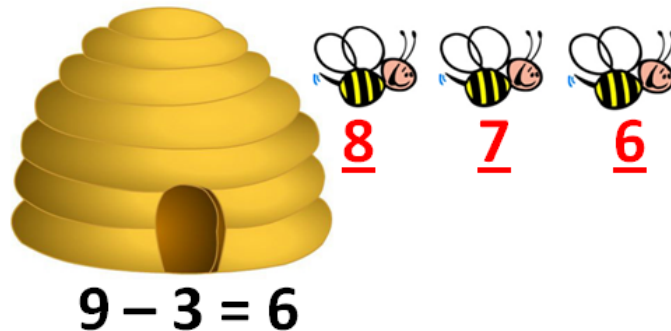
A geometric solid
with a circular base
and curved surface
that meets at a
point.

count back

count back



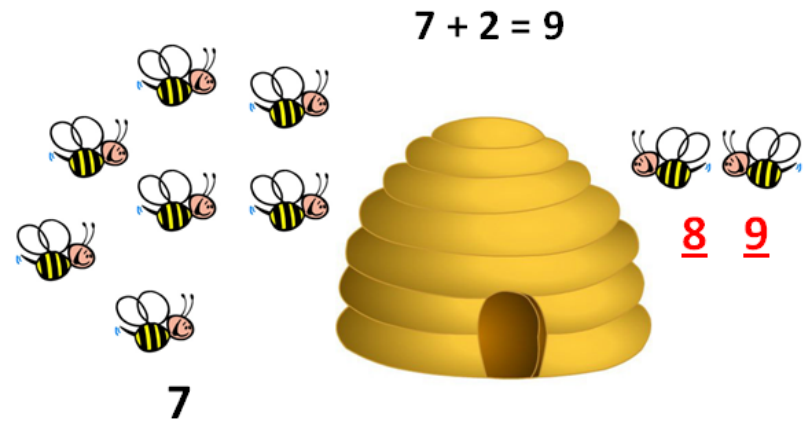
count back



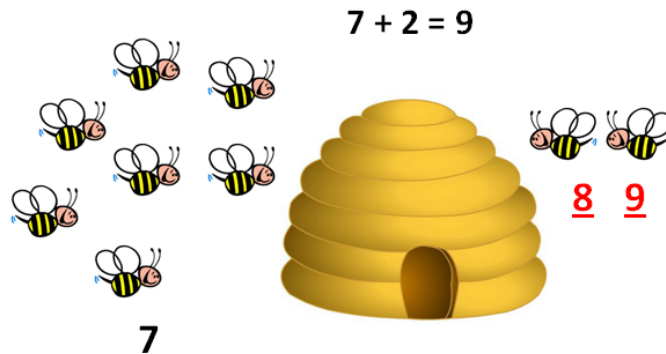
A way to subtract.

count on

count on



count on



A way to add.

counting up

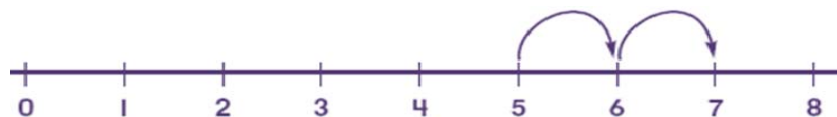
counting
up



$$7 - 5 = 2$$

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

counting
up



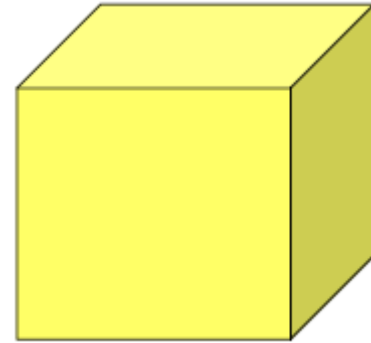
$$7 - 5 = 2$$

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

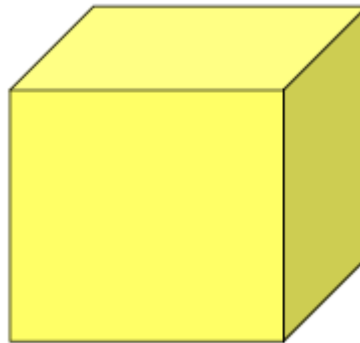
A way to subtract.
Finding the
difference by
adding up from the
smaller number to
the larger number.

cube

cube



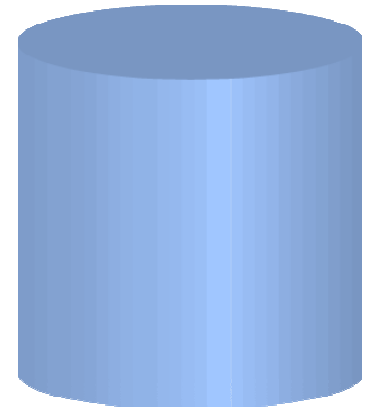
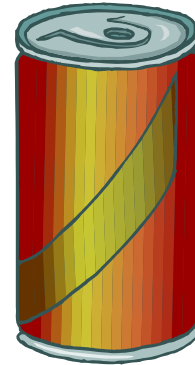
cube



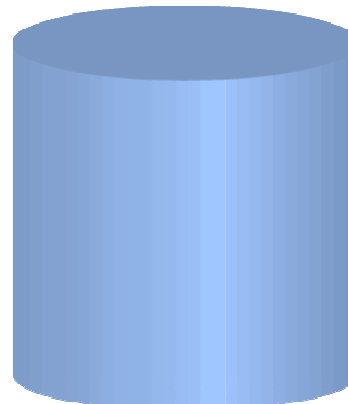
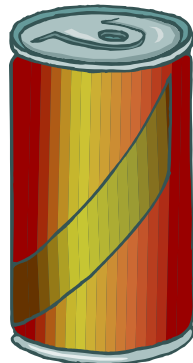
A solid figure with
six square faces.

cylinder

cylinder



cylinder








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






data

data

data collecting

| | | |
|---|---|---|
|  car |  truck | bus |
| X X X X X X X X X | X X X X X | X X |
|  car |  truck |  |
| car | truck | bus |
| | | |

data collecting

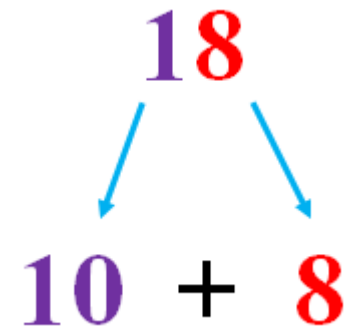
| | | |
|---|---|---|
|  car |  truck | bus |
| X X X X X X X X X | X X X X X | X X |
|  car |  truck |  |
| car | truck | bus |
| | | |

A collection of
information.

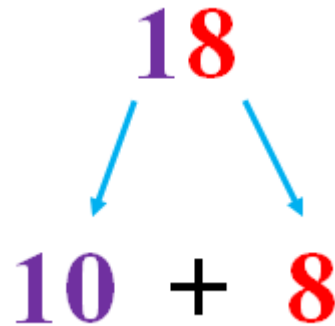
data

decompose

decompose



decompose



To separate into
basic elements.

difference

difference

$$3 - 2 = \textcircled{1}$$

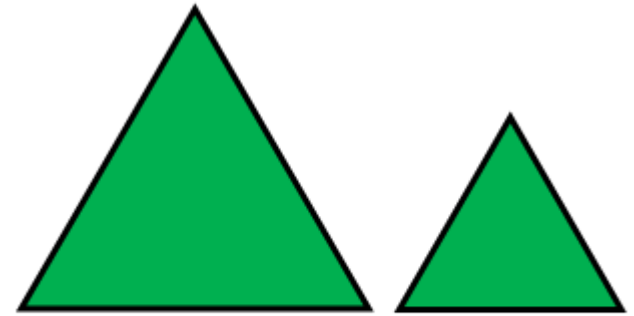
difference

$$3 - 2 = \textcircled{1}$$

The result when one
number is
subtracted from
another.

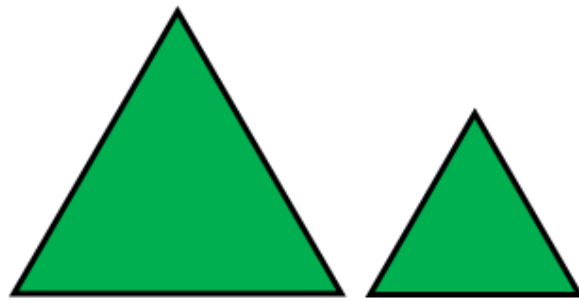
different

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



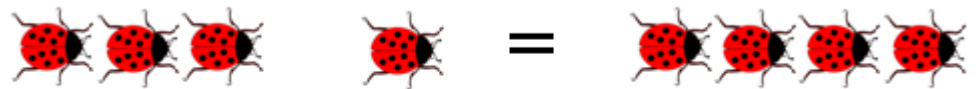
digital
clock



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

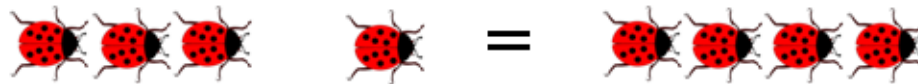
equal

equal



3 + 1 is the same amount as 4

equal

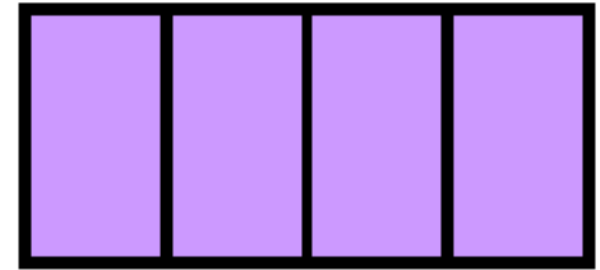


3 + 1 is the same amount as 4

Having the same
amount.

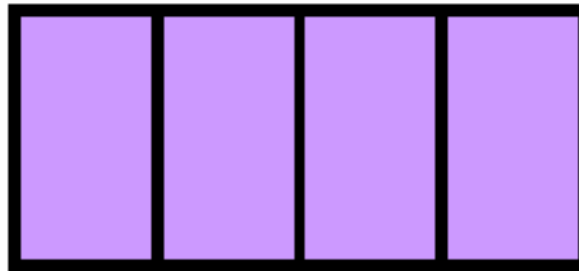
equal shares

equal shares



4 equal parts

equal shares

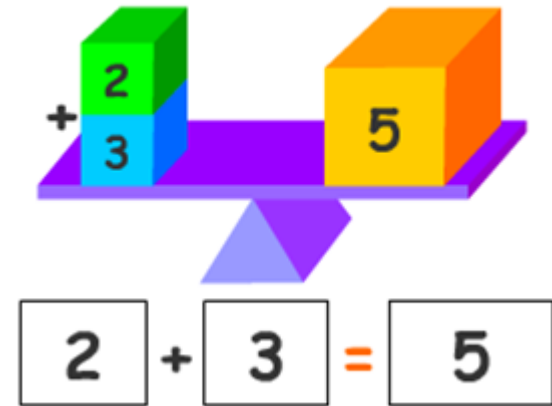


4 equal parts

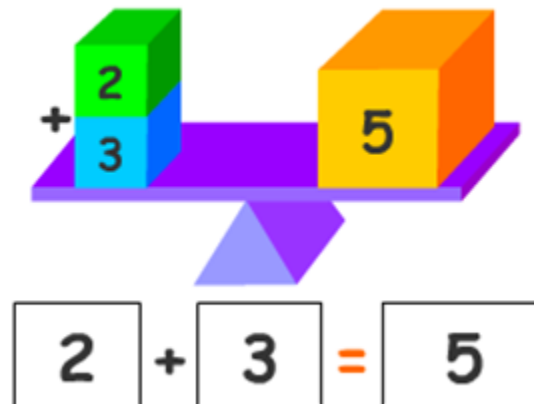
Equal parts of
a whole.

equation

equation



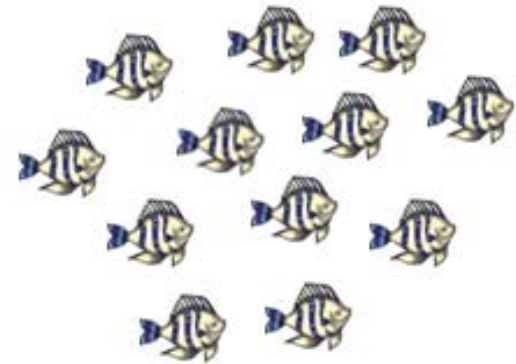
equation



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.

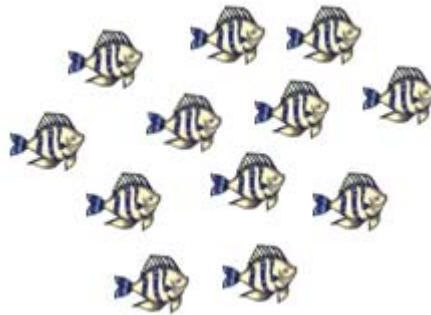
estimate

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

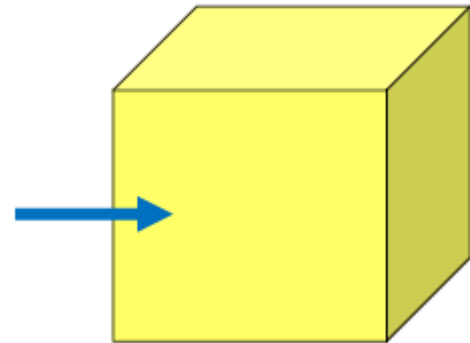
expression

$6 + 3 - 1$
no equal sign

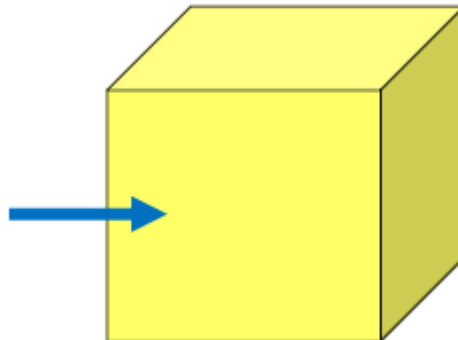
A mathematical
phrase without an
equal sign.

face

face



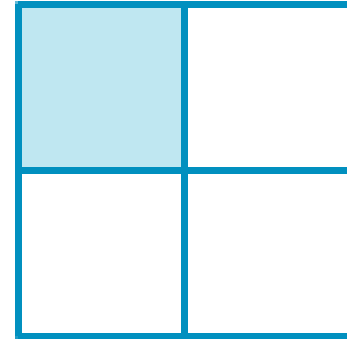
face



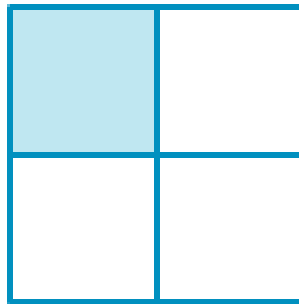
A surface on a
solid figure.

fourth of

fourth of



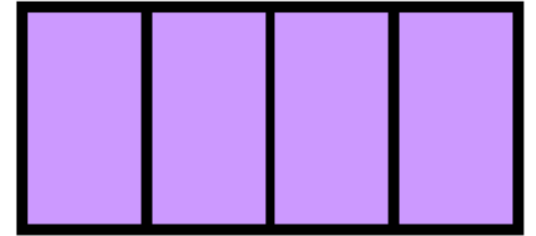
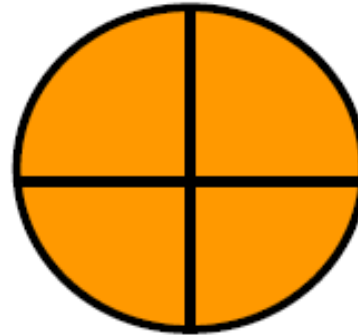
fourth of



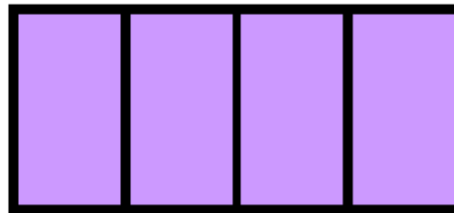
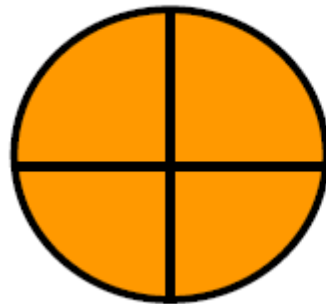
One of four equal
parts.

fourths

fourths



fourths



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

geometric solid

geometric
solid



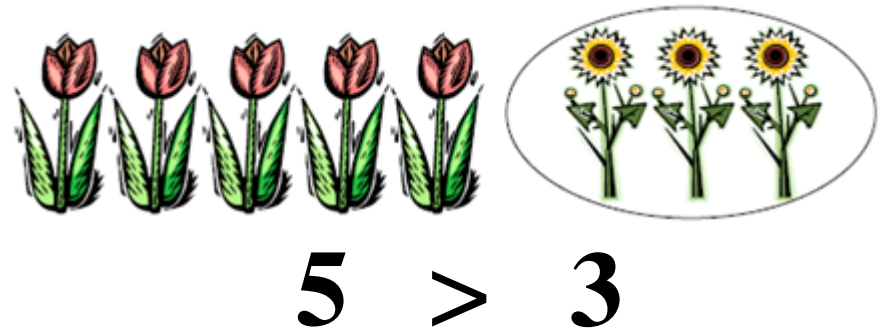
geometric
solid



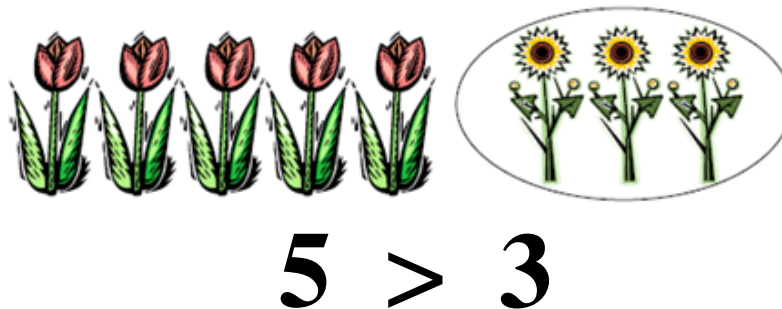
A three dimensional
figure.

greater than

greater than



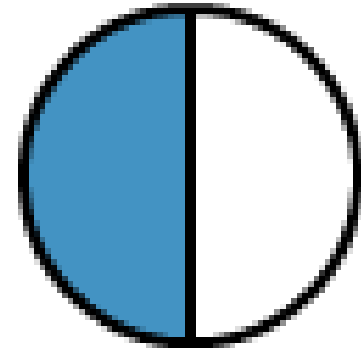
greater than



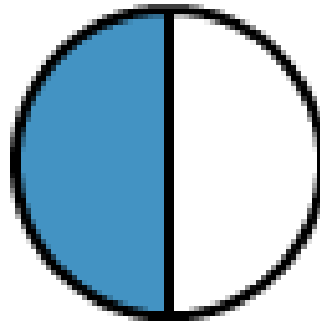
Greater than is used to compare two numbers when the first number is larger than the second number.

half circle

half
circle



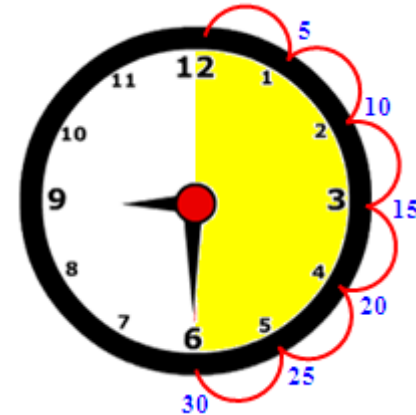
half
circle



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

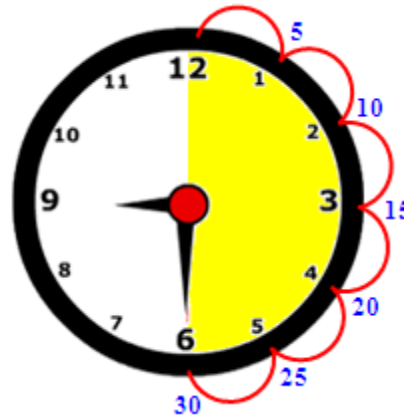
half hour

half hour



30 minutes = one half-hour

half hour

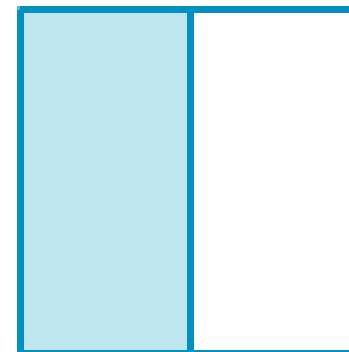


A unit of time equal
to 30 minutes.

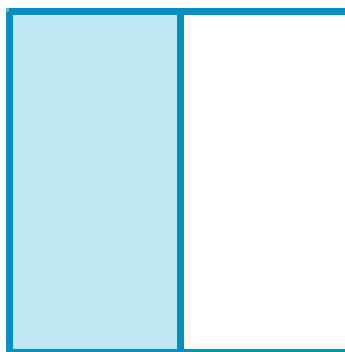
30 minutes = one half-hour

half of

half of



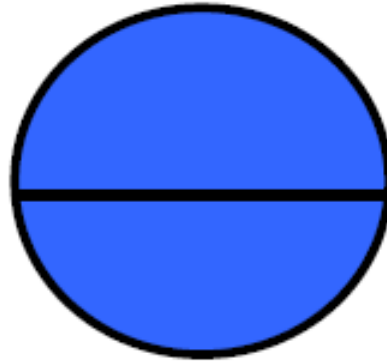
half of



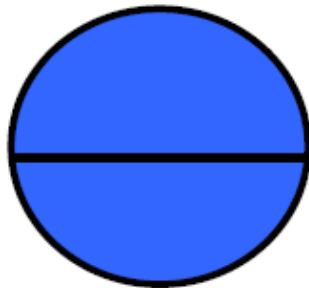
One of 2 equal
parts.

halves

halves



halves



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

heavier

heavier



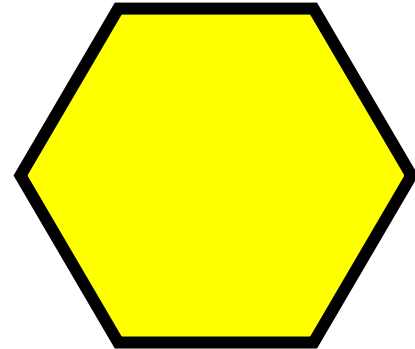
heavier



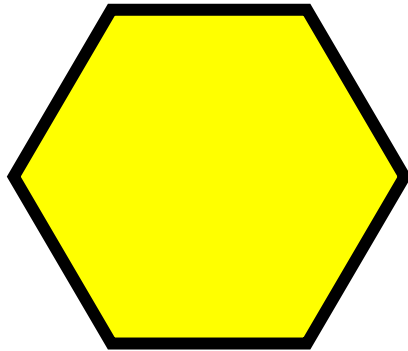
Having a weight
that is greater than
that of another
object.

hexagon

hexagon



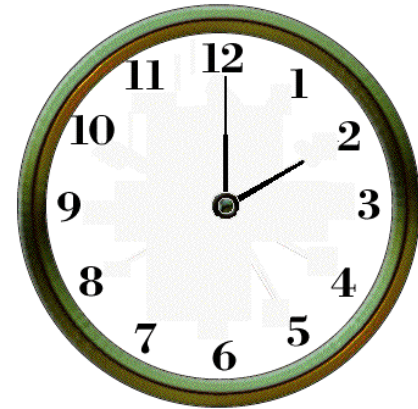
hexagon



A figure with 6
straight sides.

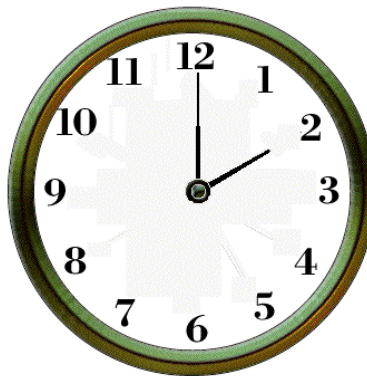
hour (hr)

hour (hr)



60 minutes = 1 hour

hour (hr)

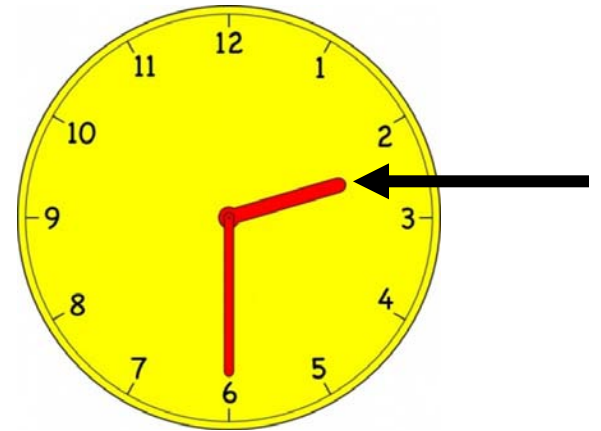


60 minutes = 1 hour

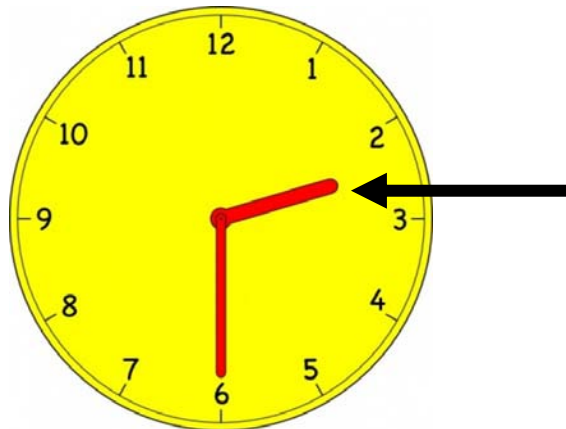
A unit of time equal
to
60 minutes.

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

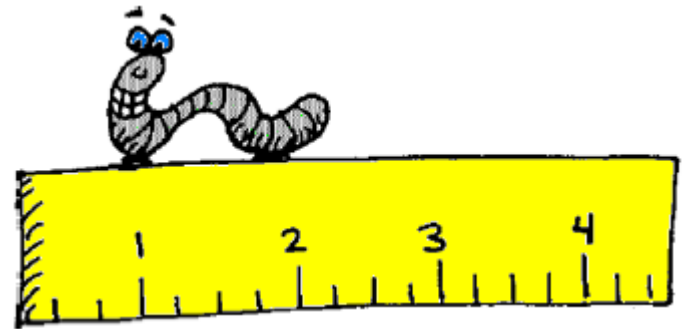


Laying multiple paper clips end to end
to measure the length of a pencil.

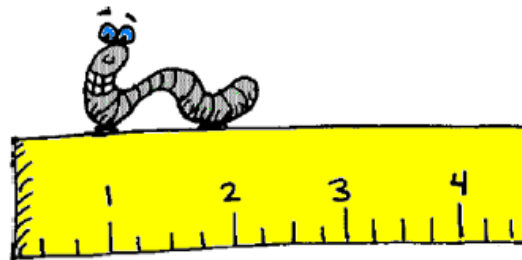
To repeat; to do
again and again; to
make repeated use
of a mathematical
procedure.

length

length



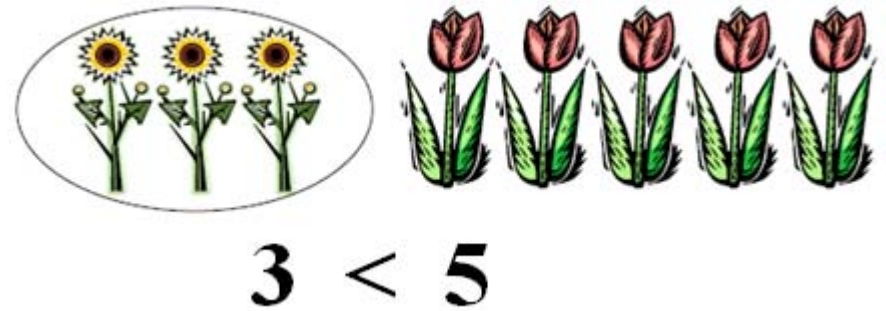
length



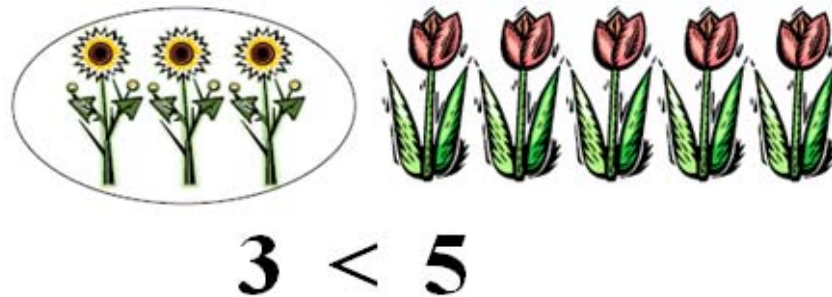
How long
something is. The
distance from one
point to another.

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



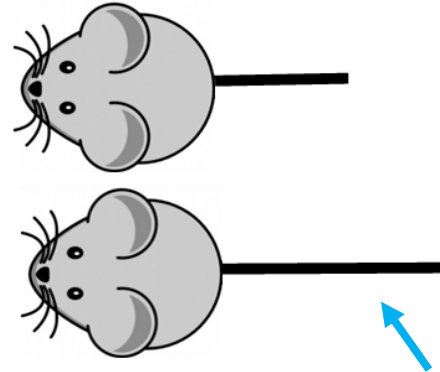
lighter



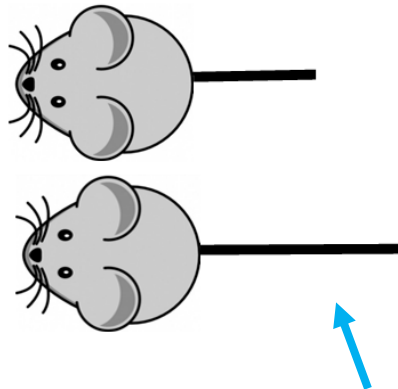
Having a weight
that is less than that
of another object.

longer

longer



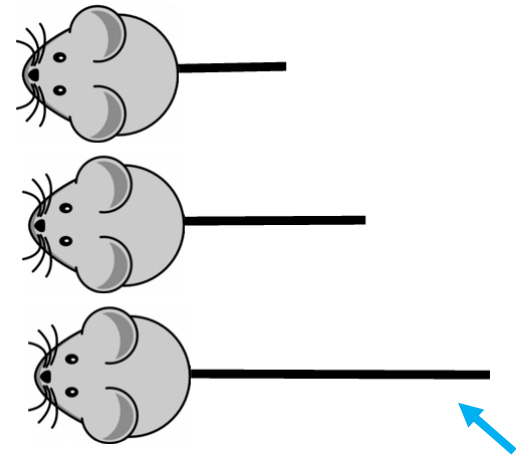
longer



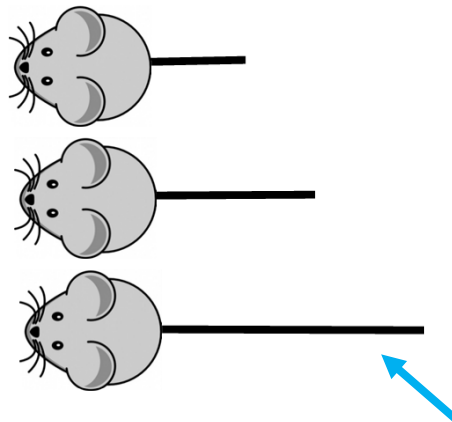
A word used when
comparing the
length of two
objects.

longest

longest



longest



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

