

English 1st Grade A-L

Vocabulary Cards and Word Walls

Revised: 2/24/14

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

Oxford Illustrated Math Dictionary, 2012. ISBN: 978-0-19-407128-4

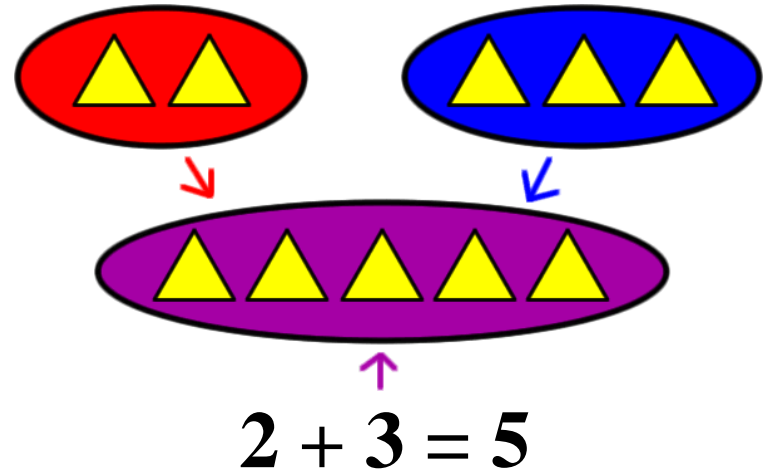
Student Reference Books, Everyday Mathematics, 2007.

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

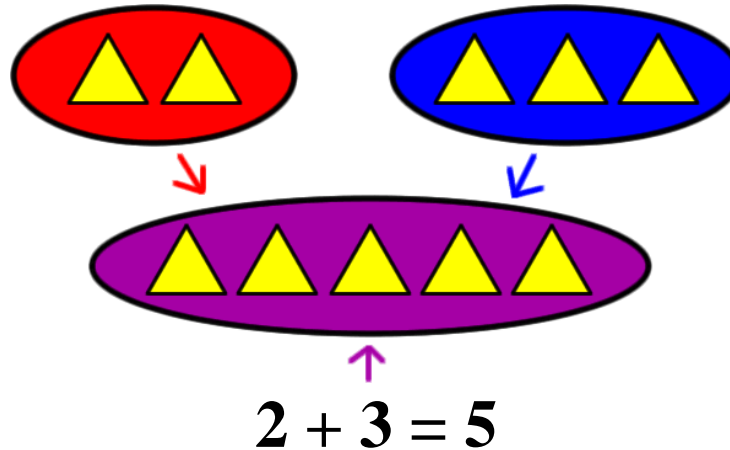
Interactive Math Dictionary, <http://www.amathsdictionaryforkids.com/>

add

add



add

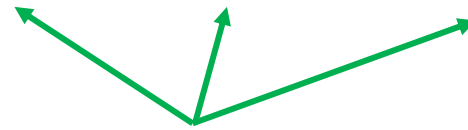


To combine; put together two or more quantities.

addend

addend

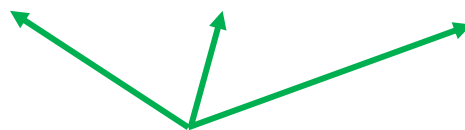
$$5 + 3 + 2 = 10$$



addends

addend

$$5 + 3 + 2 = 10$$



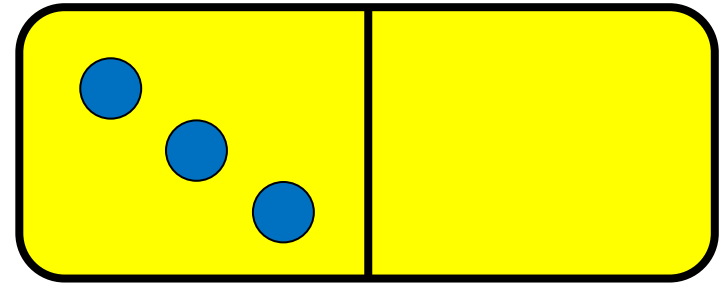
addends

Any number
being added.

Additive Identity Property of 0

Additive
Identity

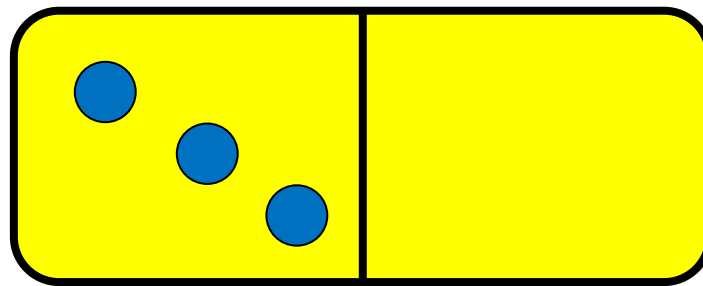
Property of 0



$$3 + 0 = 3$$

Additive
Identity

Property of 0

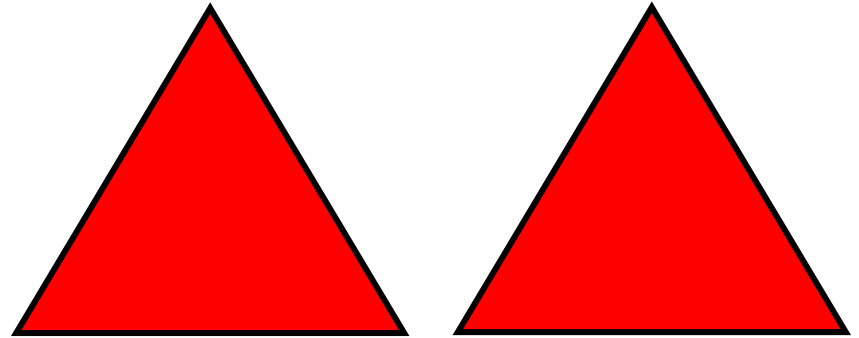


$$3 + 0 = 3$$

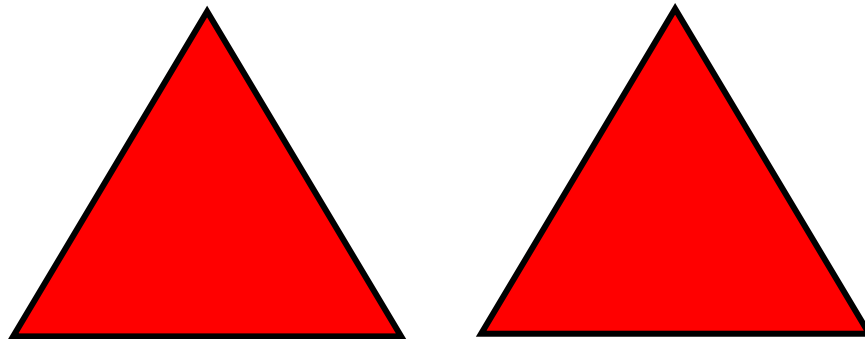
Adding zero to a
number gives a sum
identical to the
given number.

alike

alike



alike



Same size, quantity,
or amount.

analog clock

analog
clock



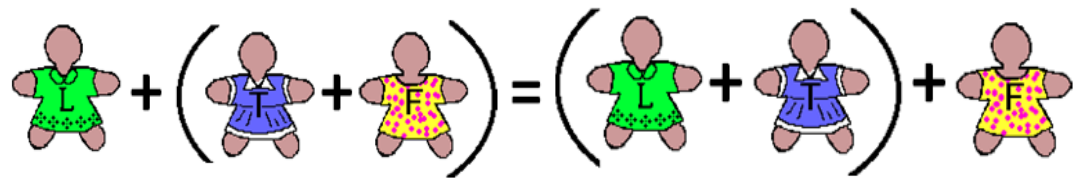
analog
clock



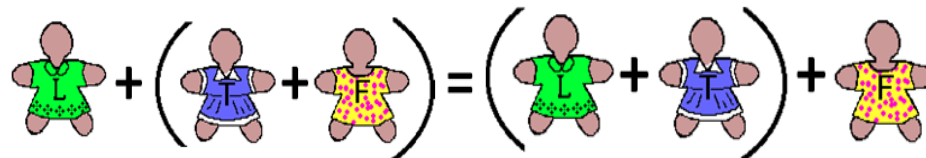
A clock that shows
the time by the
positions of the
hour and
minute hand.

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.

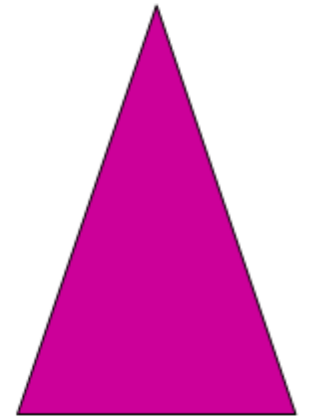
attribute

attribute

large

triangle

pink

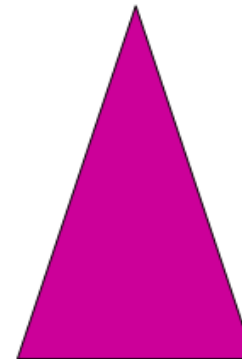


attribute

large

triangle

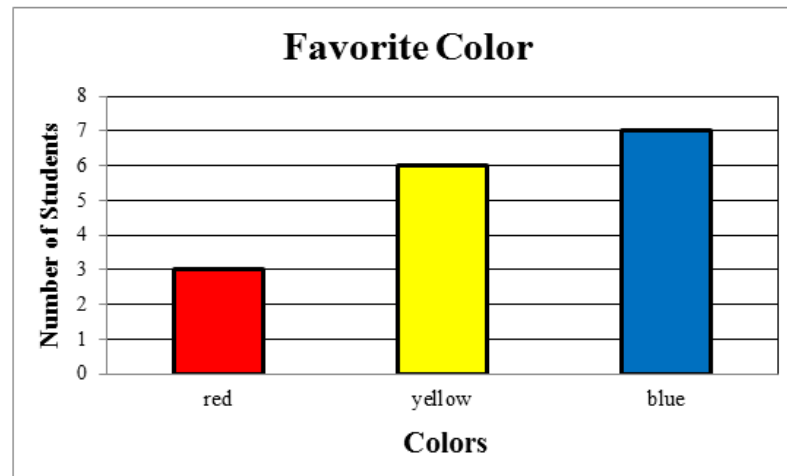
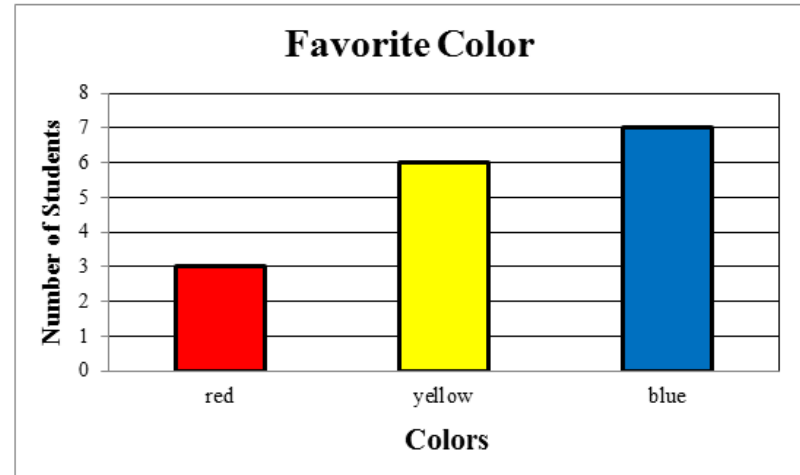
pink



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

bar graph

bar graph

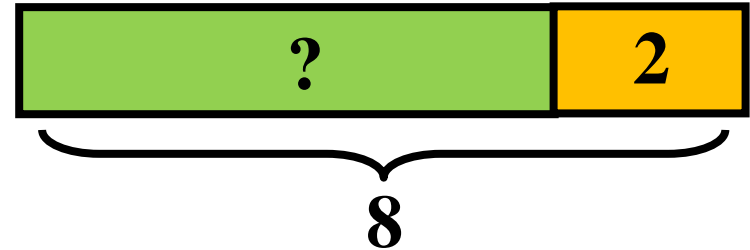


A graph that uses height or length of rectangles to compare data.

bar graph

bar model

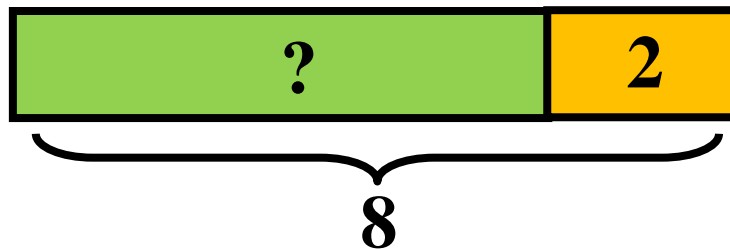
bar
model



Some bugs are on a leaf. 2 more bugs join them. Now there are 8 bugs. How many bugs were on the leaf before?



bar
model



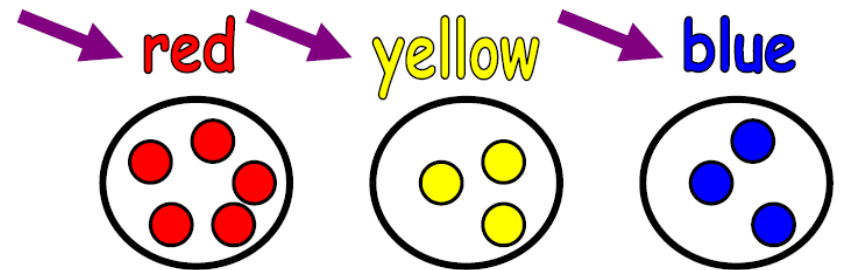
Some bugs are on a leaf. 2 more bugs join them. Now there are 8 bugs. How many bugs were on the leaf before?



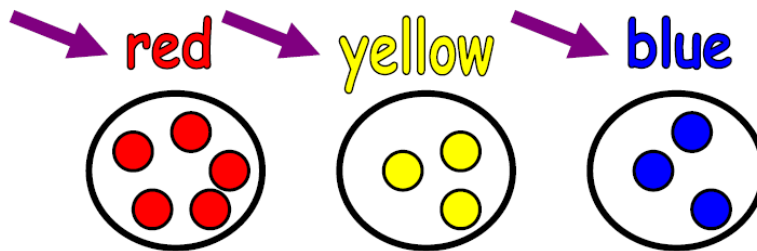
A model that uses bars to represent known and unknown quantities and the relationship between these quantities.

category

category



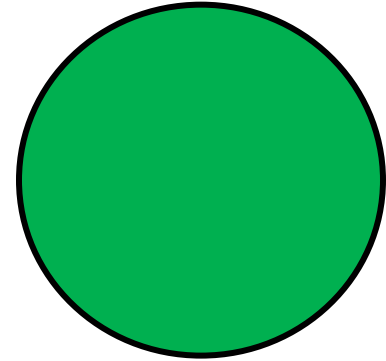
category



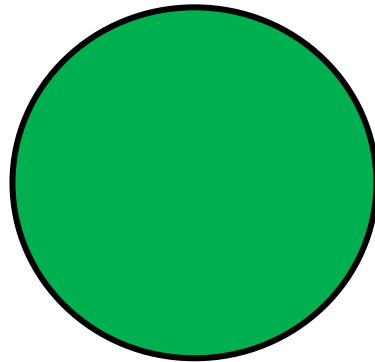
A collection of things sharing a common attribute.

circle

circle



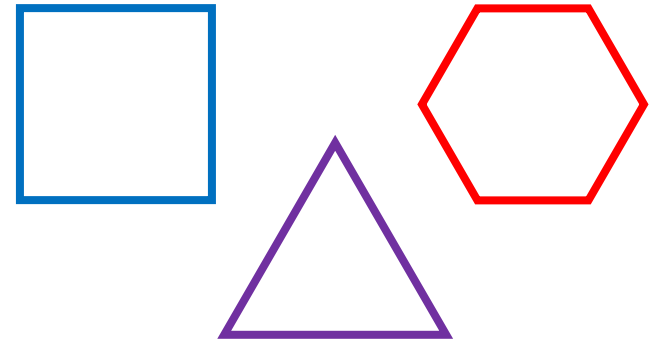
circle



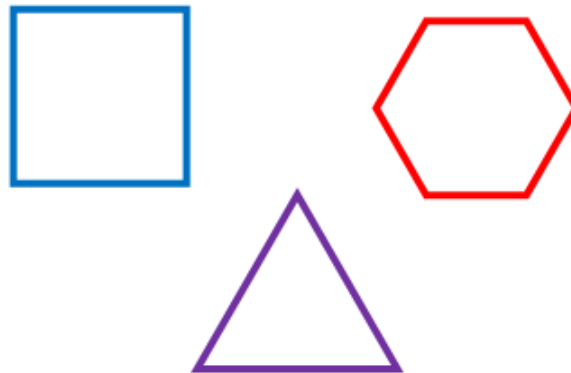
A closed shape with no sides and no vertices.

closed shape

closed
shape



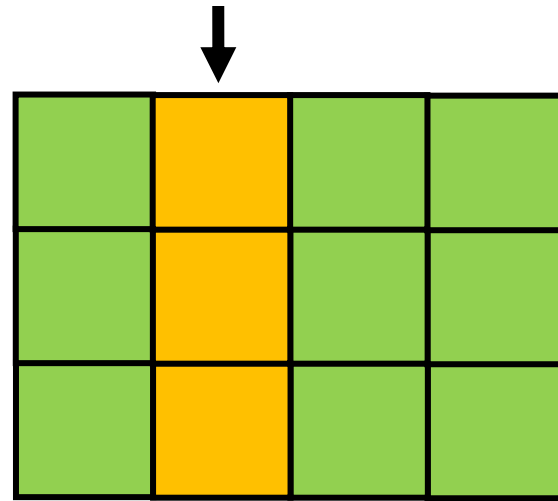
closed
shape



A shape with all the
sides connected.

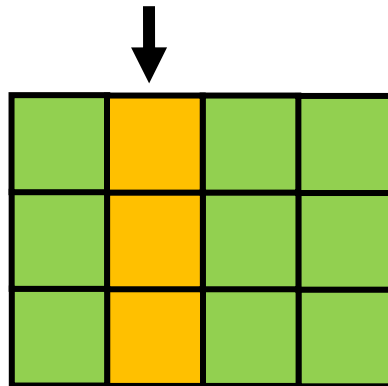
column

column



Columns
go up and
down.

column

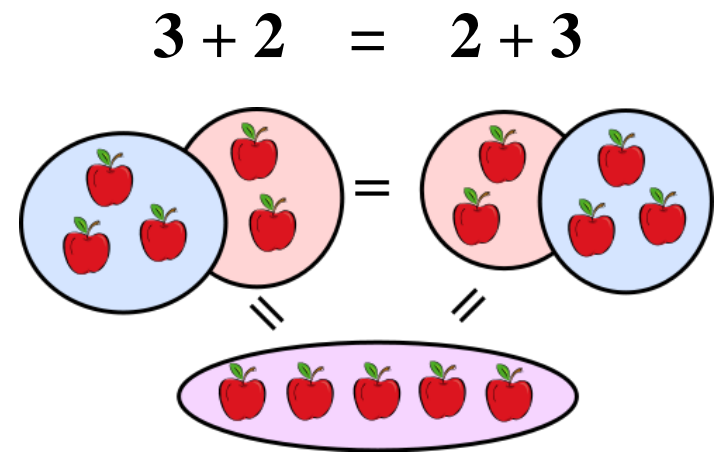


Columns
go up and
down.

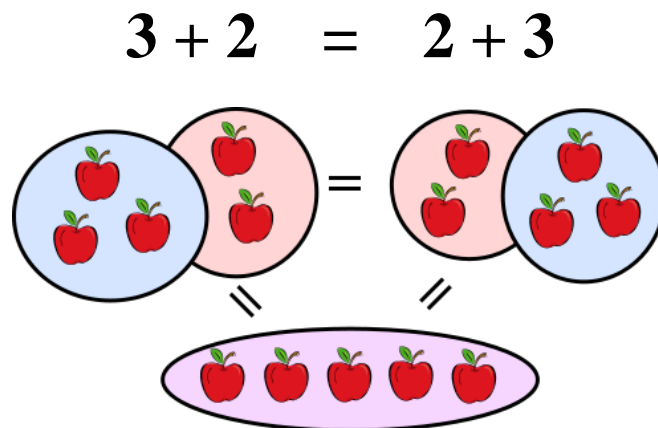
A vertical arrangement
of numbers or information
in an array or table.

Commutative Property of Addition

Commutative Property of Addition



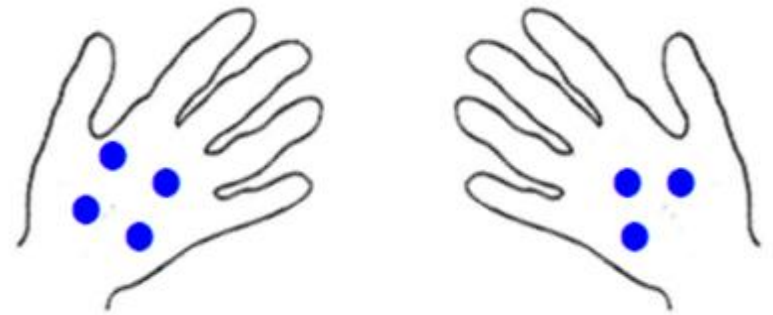
Commutative Property of Addition



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

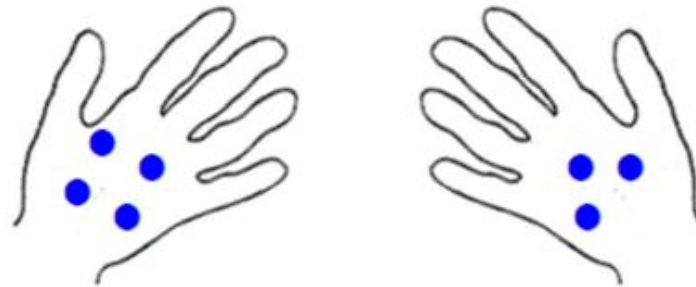
compare

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 number.

compose

compose

$$\begin{array}{ccc} 10 & + & 8 \\ & \searrow & \swarrow \\ & 18 & \end{array}$$

compose

$$\begin{array}{ccc} 10 & + & 8 \\ & \searrow & \swarrow \\ & 18 & \end{array}$$

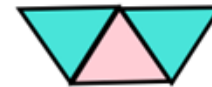
To put together smaller numbers to make larger numbers.

compose

compose



3 \triangle can
make a dish.

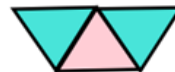


2 ∇ can make
a hamburger box.

compose



3 \triangle can
make a dish.

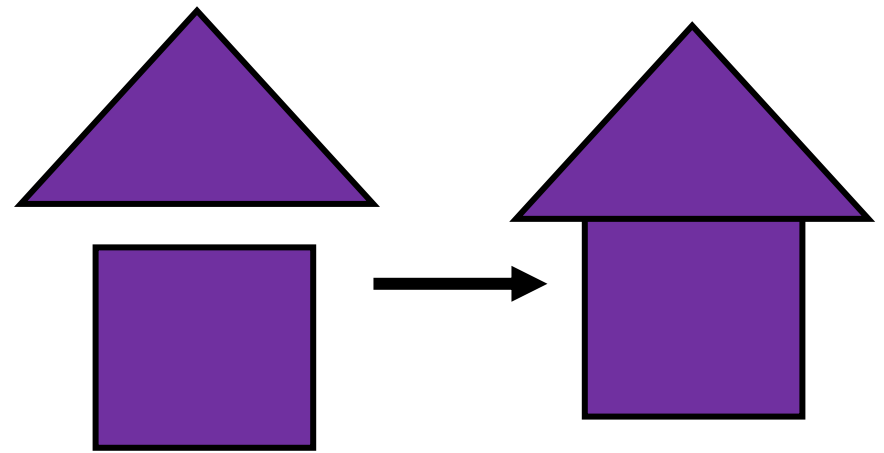


2 ∇ can make
a hamburger box.

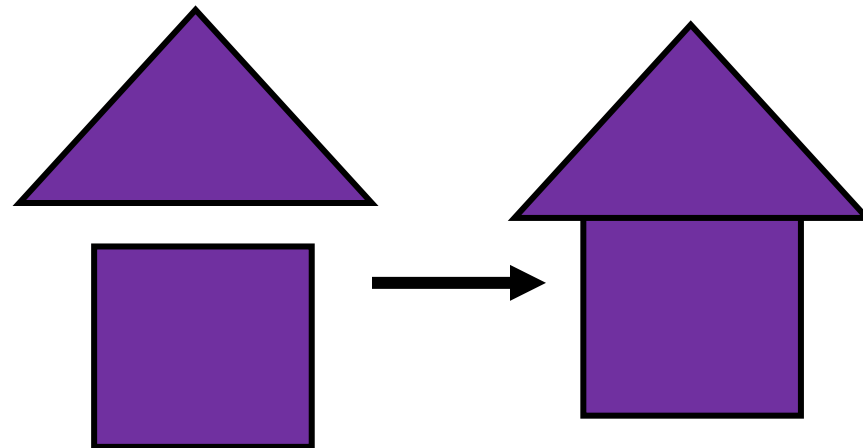
To put together 2
or more shapes to
create a new shape.

composite shape

**composite
shape**



**composite
shape**



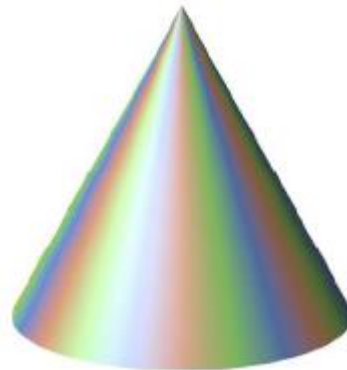
A shape that
is made from
2 or more
geometric shapes.

cone

cone



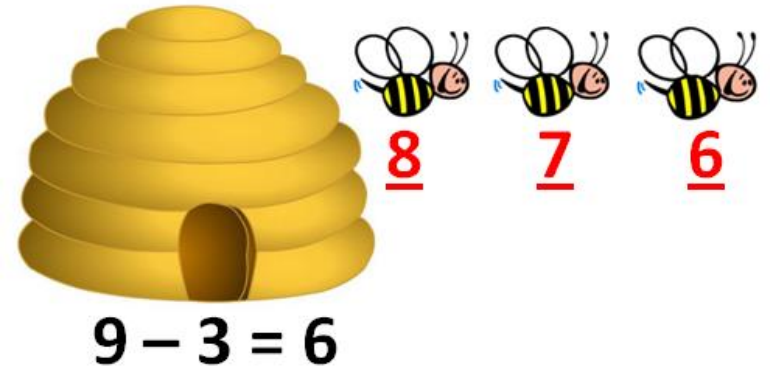
cone



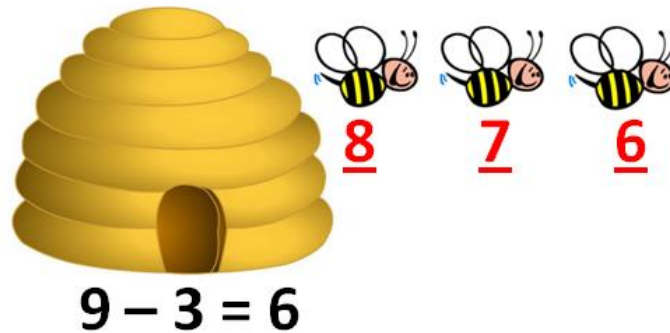
A solid shape with a circular base, a curved surface, and one vertex.

count back

count
back



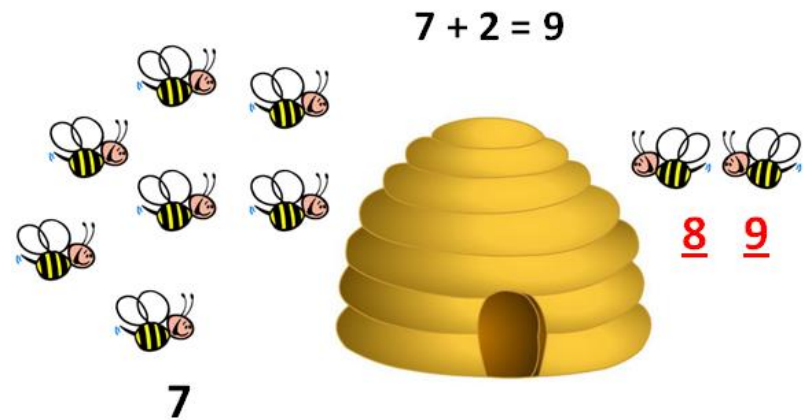
count
back



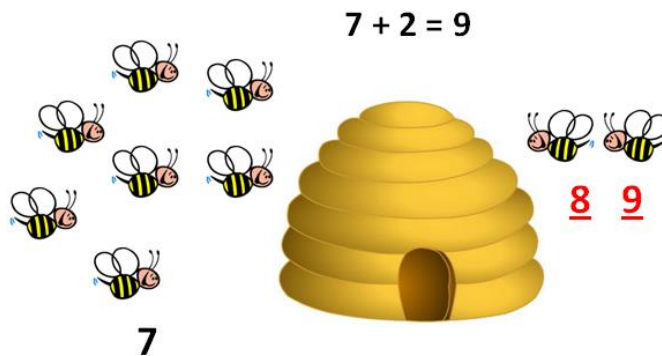
A way to subtract.

count on

count on



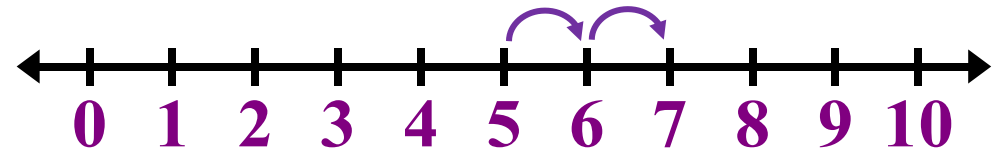
count on



A way to add.

count up

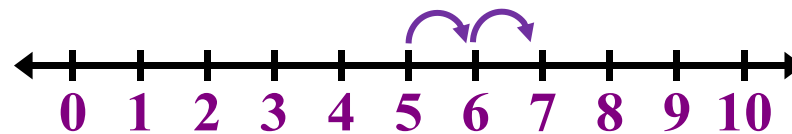
count up



$$7 - 5 = 2$$

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

count up



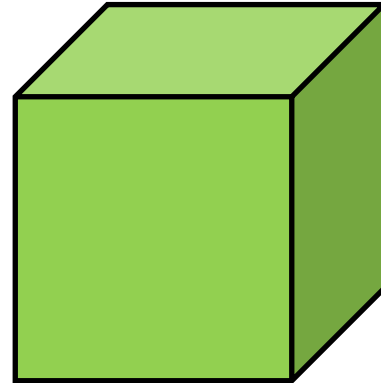
$$7 - 5 = 2$$

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

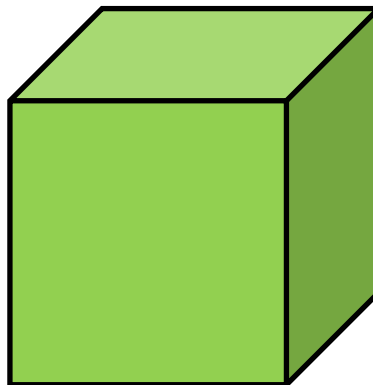
A way to subtract.
Finding the difference
by adding up from the
smaller number to the
larger number.

cube

cube



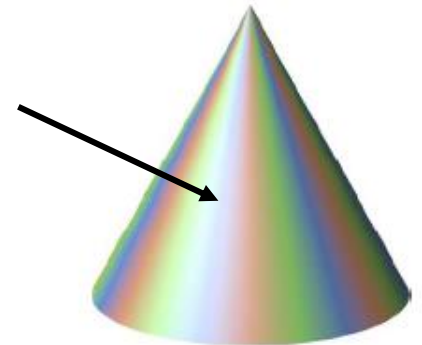
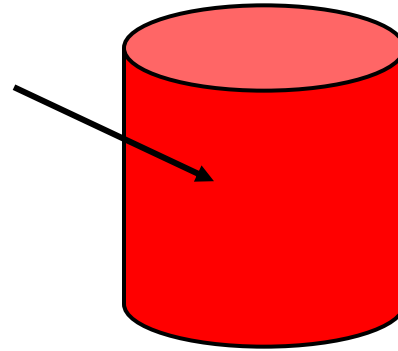
cube



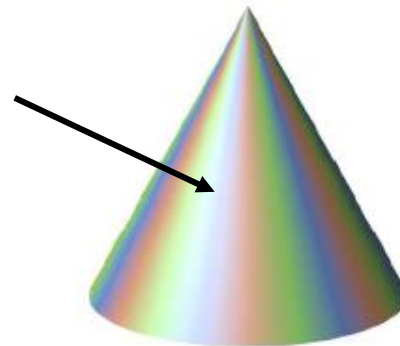
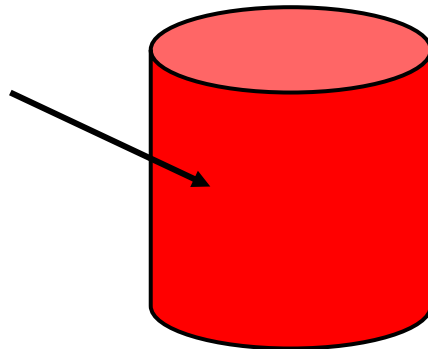
A solid shape with
6 square faces.

curved surface

curved
surface



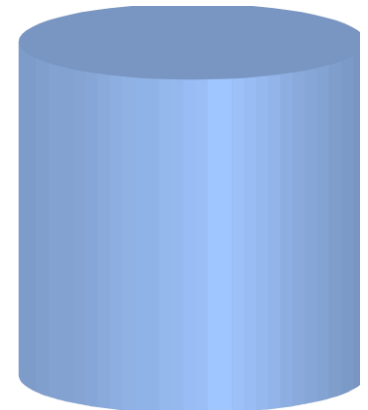
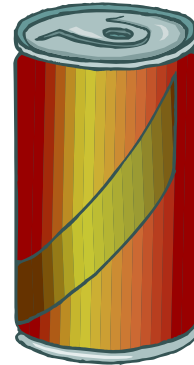
curved
surface



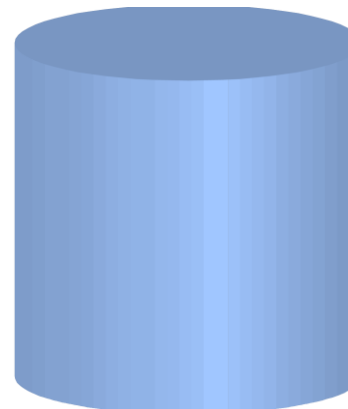
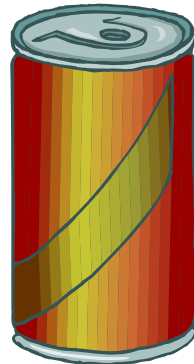
A rounded surface.

cylinder

cylinder



cylinder









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







data

data

data collecting

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

data collecting

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

A collection of information.

data

date

date

September						
Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

September 25, 2013

date

September						
Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

September 25, 2013

A given month,
day, and year.

day

day

days

September						
Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

day

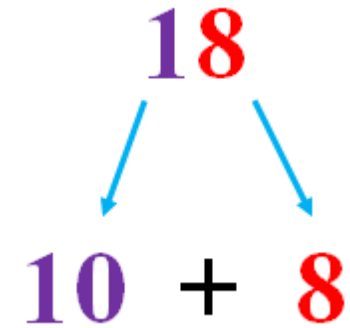
days

September						
Sun.	Mon.	Tues.	Wed.	Thurs.	Fri.	Sat.
1	2	3	4	5	6	7
8	9	10	11	12	13	14
15	16	17	18	19	20	21
22	23	24	25	26	27	28
29	30					

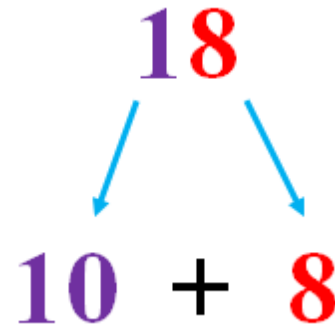
There are 24 hours
in a day.

decompose

decompose



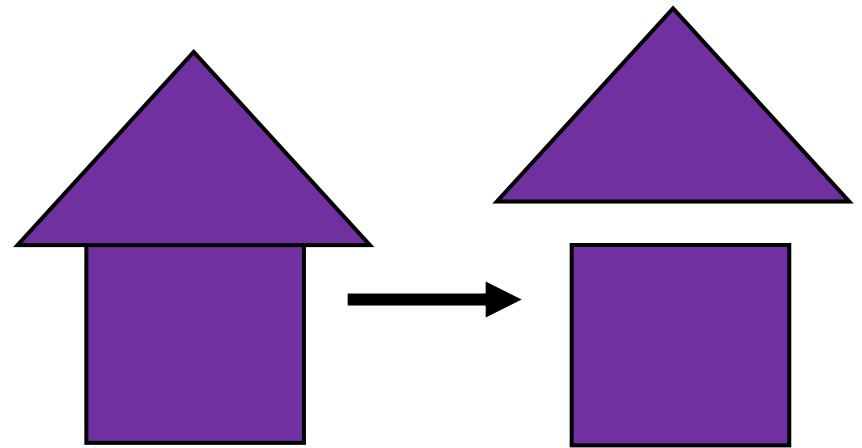
decompose



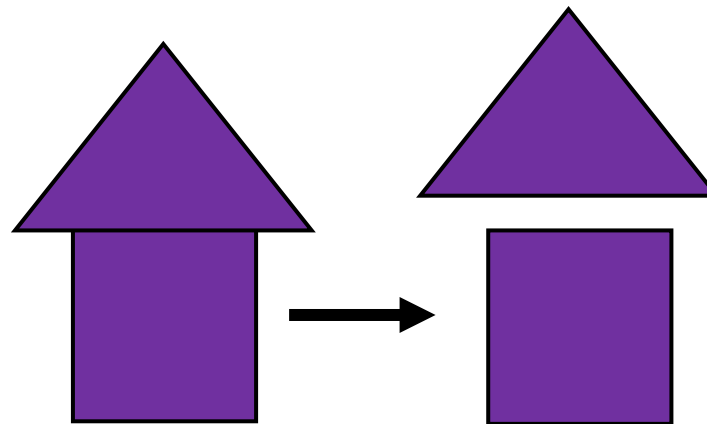
To separate a number
into 2 or more parts.

decompose

decompose



decompose



To separate a
shape into
smaller shapes.

difference

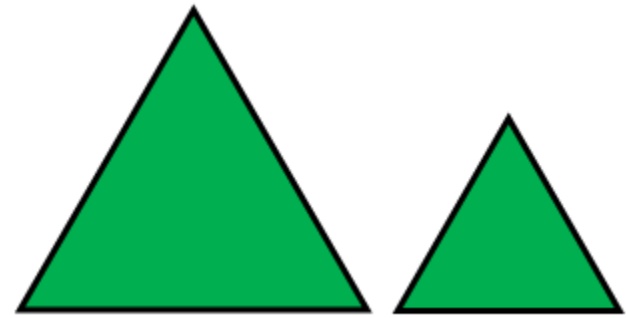
difference $3 - 2 = 1$

difference $3 - 2 = 1$

The result when
one number
is subtracted
from another.

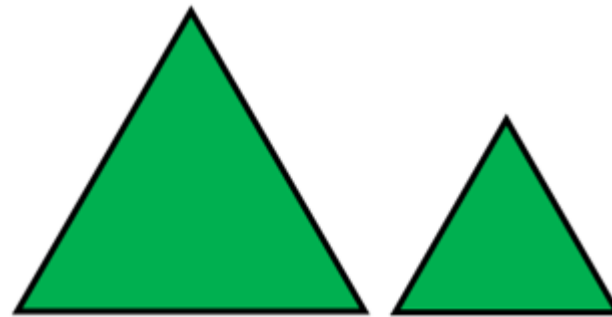
different

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



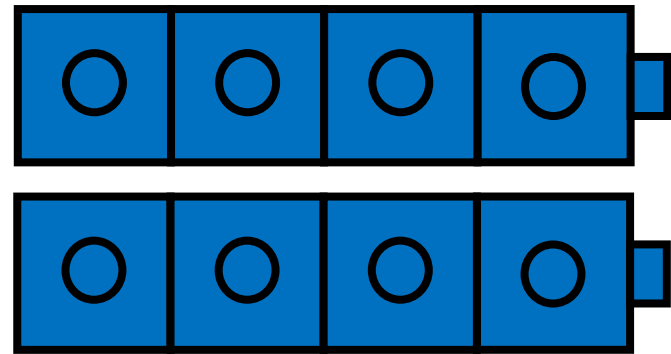
digital
clock



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

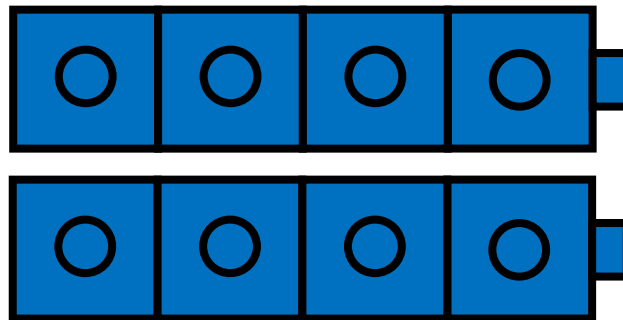
doubles

doubles



$$4 + 4 = 8$$

doubles

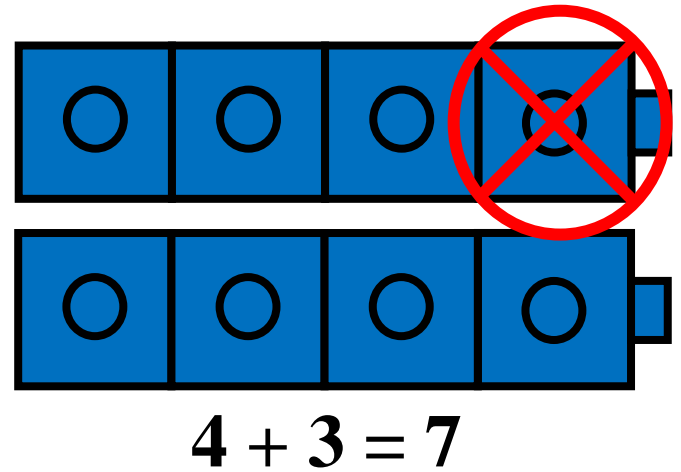


$$4 + 4 = 8$$

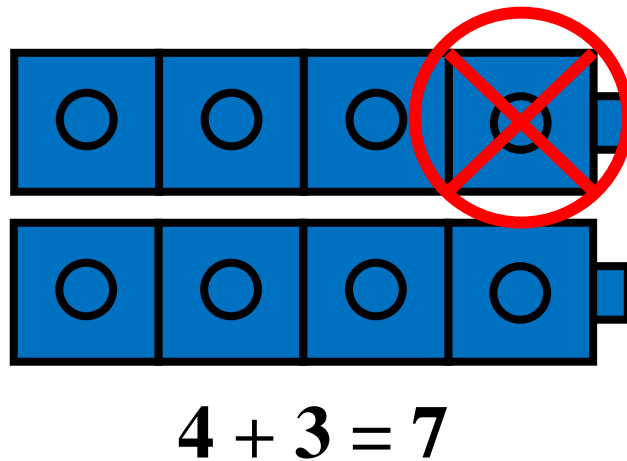
Addition facts with
two addends that
are the same.

doubles minus 1

doubles
minus 1



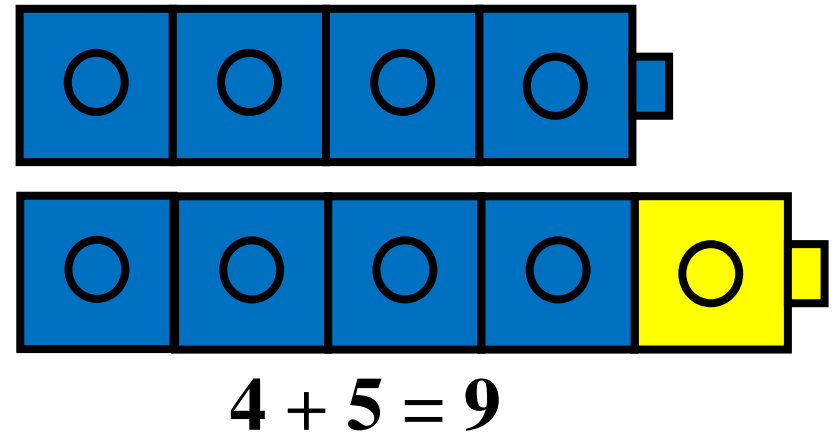
doubles
minus 1



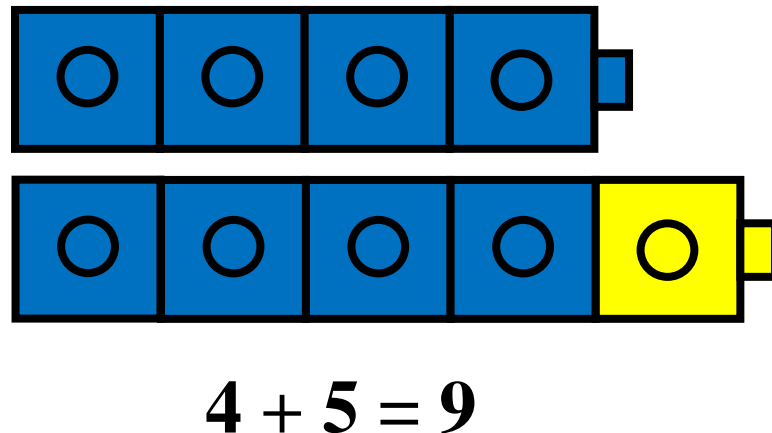
An addition fact
with a double to
add and then
subtract one.

doubles plus 1

doubles
plus 1



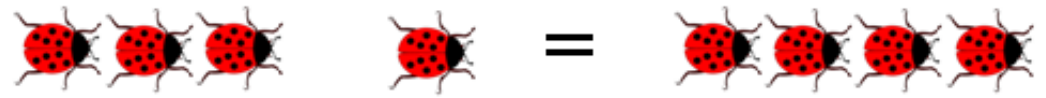
doubles
plus 1



An addition fact
with a double to add
and then add one.

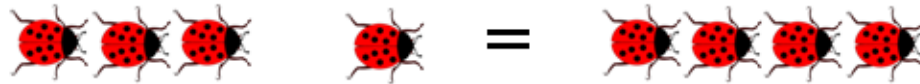
equal

equal



3 + 1 is the same amount as 4.

equal

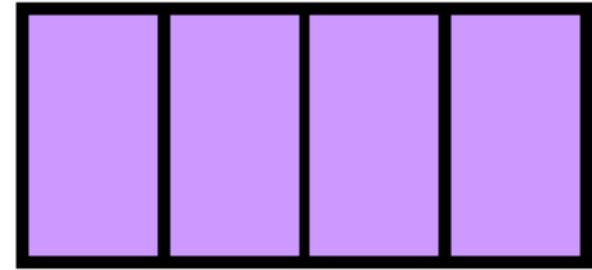


3 + 1 is the same amount as 4.

Having the
same amount.

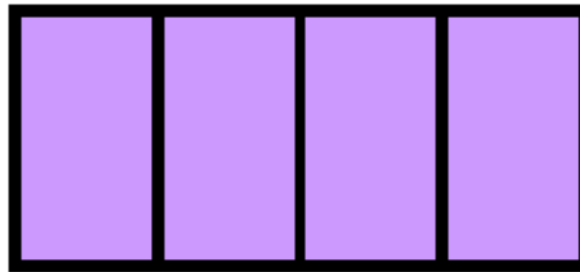
equal parts

equal
parts



4 equal parts

equal
parts

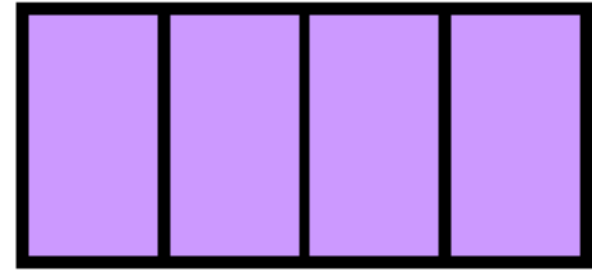


4 equal parts

Parts of an object or group that have been divided equally into pieces. (also known as equal shares)

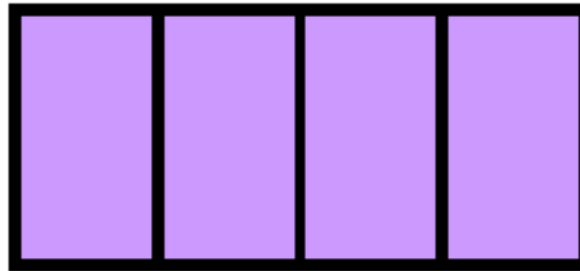
equal shares

equal
shares



4 equal shares

equal
shares

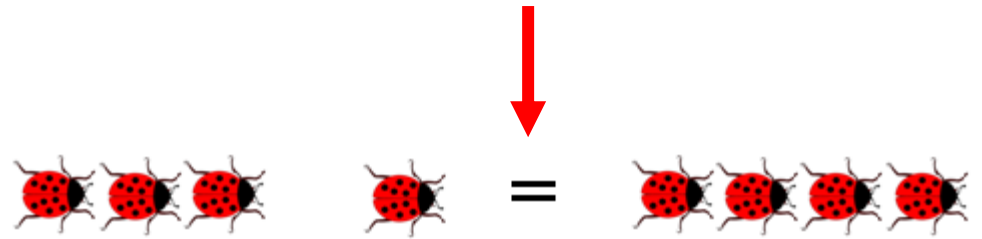


4 equal shares

Parts of an object or group that have been divided equally into pieces. (also known as equal parts)

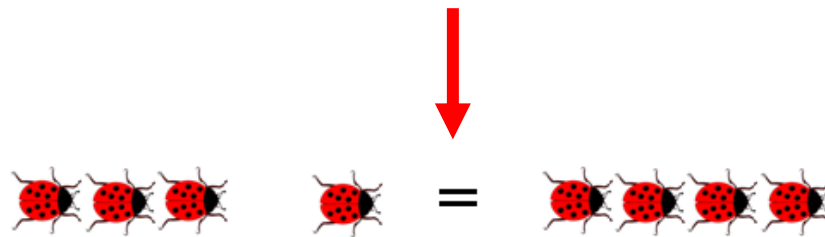
equal sign

equal
sign



3 + 1 is the same amount as 4.

equal
sign

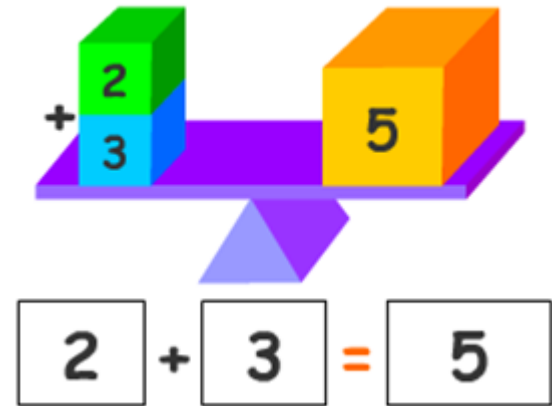


3 + 1 is the same amount as 4.

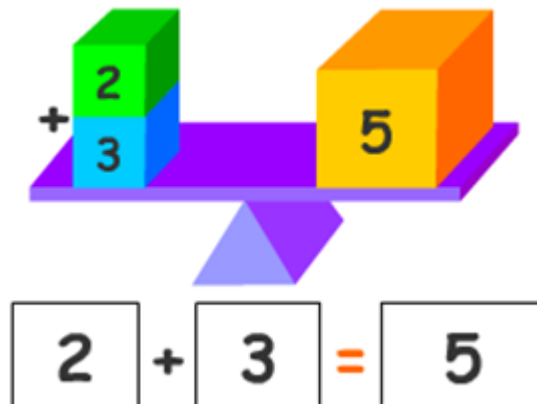
A symbol showing
that one amount is
the same as another.
(also known as
is the same as)

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.

expression

expression

$$6 + 3$$

no equal sign

expression

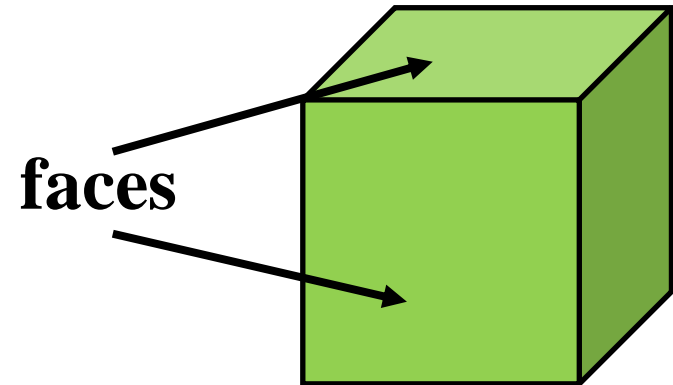
$$6 + 3$$

no equal sign

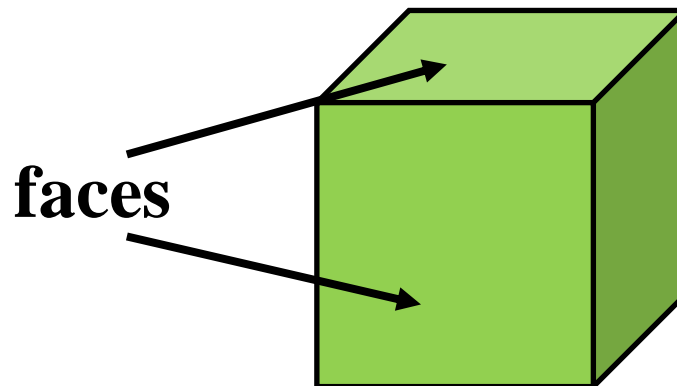
A mathematical
phrase without
an equal sign.

face

face



face



A flat surface on
a solid shape.

fact family

fact
family

Fact Family for 3, 5, 8

$3 + 5 = 8$

$8 - 5 = 3$

$5 + 3 = 8$

$8 - 3 = 5$

fact
family

Fact Family for 3, 5, 8

$3 + 5 = 8$

$8 - 5 = 3$

$5 + 3 = 8$

$8 - 3 = 5$

A group of related facts that use the same numbers.
(also known as related facts)

false

false

$$\del{8 - 2 = 6 + 4}$$

THINK
Are both
sides equal?

No. It is
false.

false

$$\del{8 - 2 = 6 + 4}$$

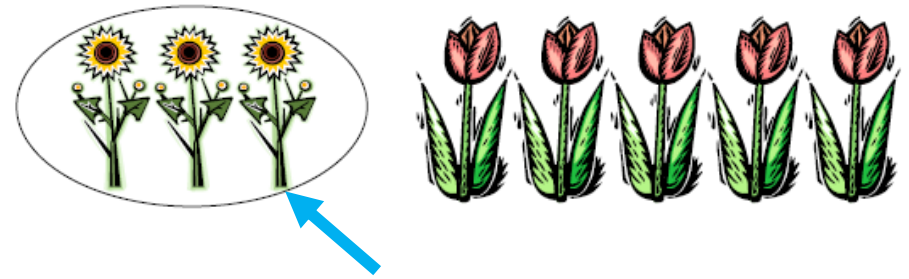
THINK
Are both
sides equal?

No. It is
false.

Not true; incorrect.
A false equation
does not have the
same value on
each side of the
equal sign.

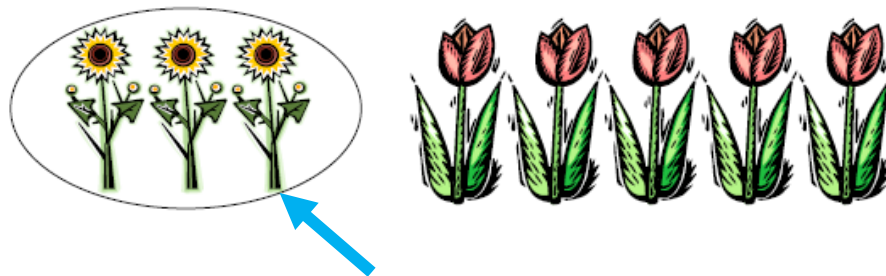
fewer

fewer



This group has fewer.

fewer

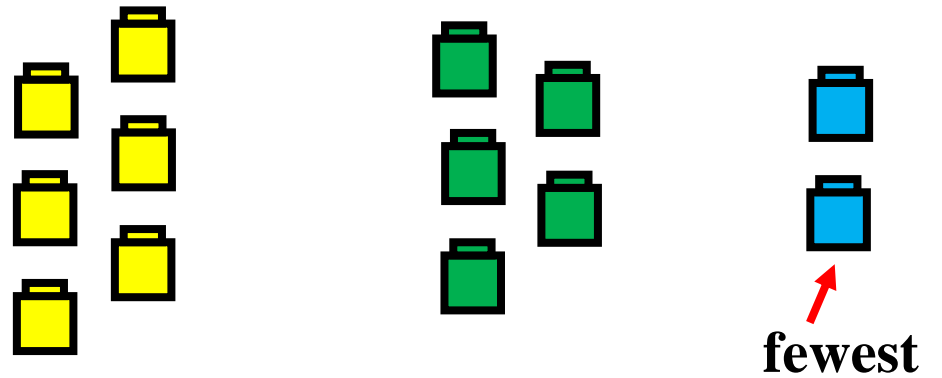


This group has fewer.

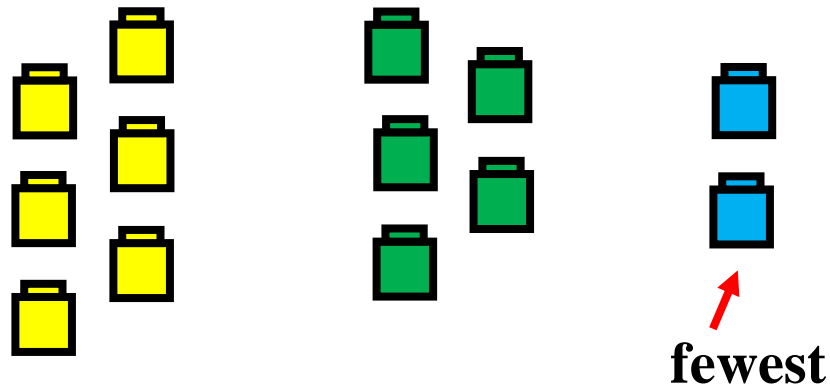
Smaller quantity
or amount.

fewest

fewest



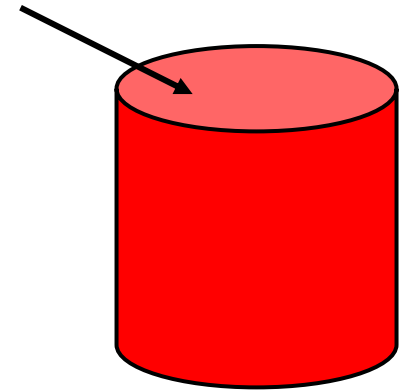
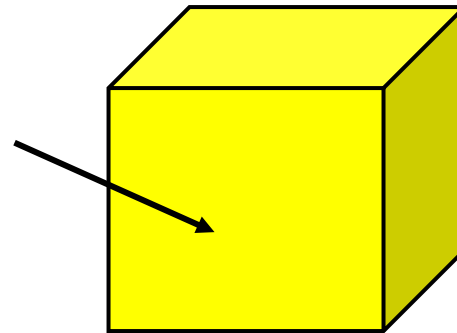
fewest



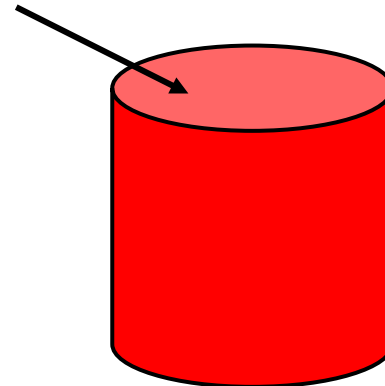
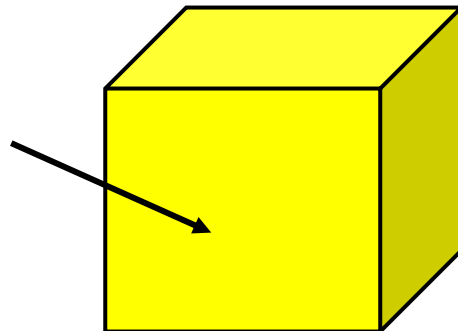
A word used when comparing three or more groups of objects.

flat surface

flat
surface



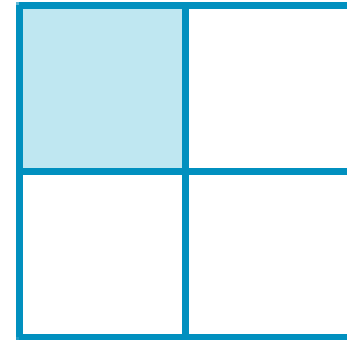
flat
surface



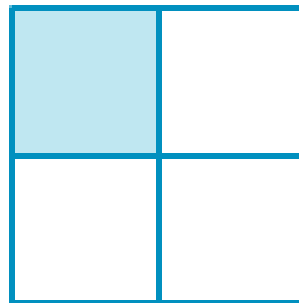
A surface that
is not curved.

fourth of

fourth of



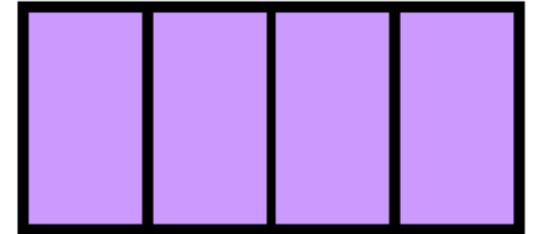
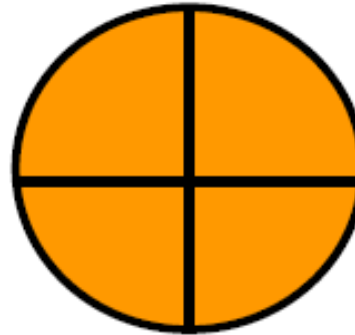
fourth of



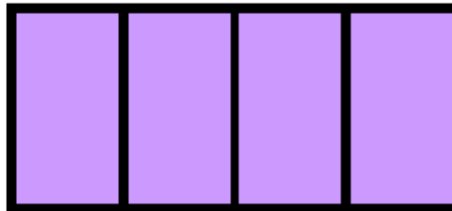
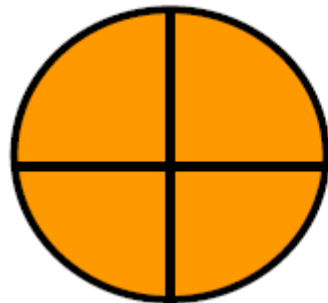
One of 4 equal parts.

fourths

fourths



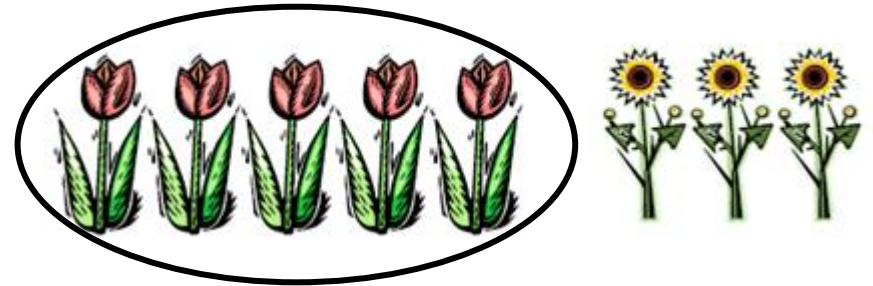
fourths



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

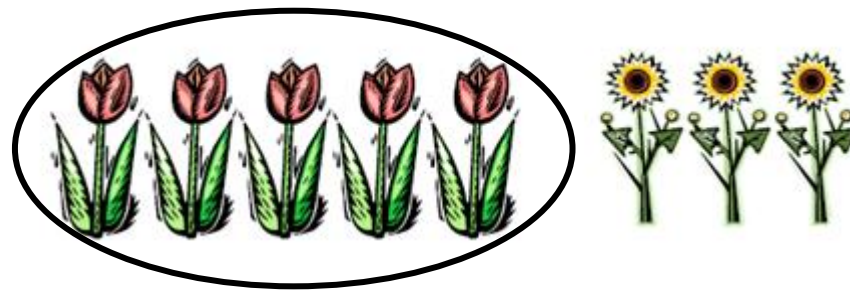
greater than

greater
than



$$5 > 3$$

greater
than

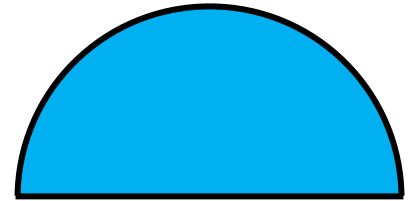


$$5 > 3$$

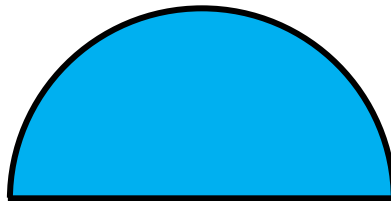
Greater than is used to compare two numbers when the first number is larger than the second number.

half-circle

half-circle



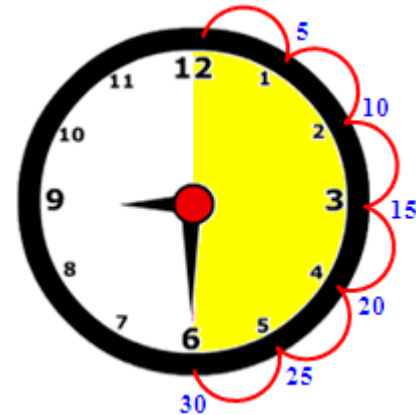
half-circle



Half of a circle.

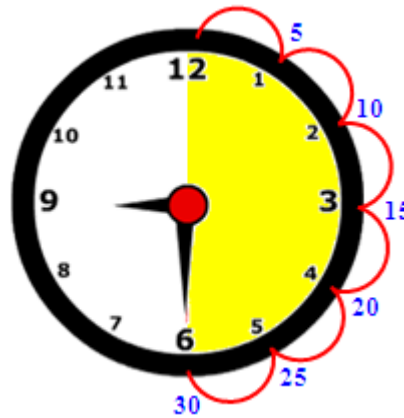
half hour

half
hour



30 minutes = one half hour

half
hour

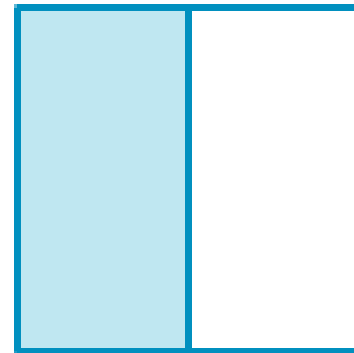


A unit of time equal
to 30 minutes.

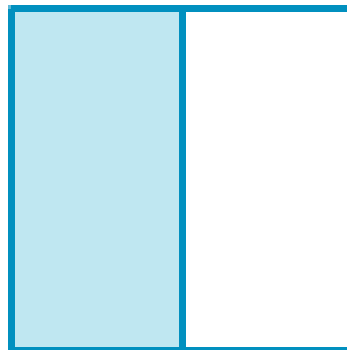
30 minutes = one half hour

half of

half of



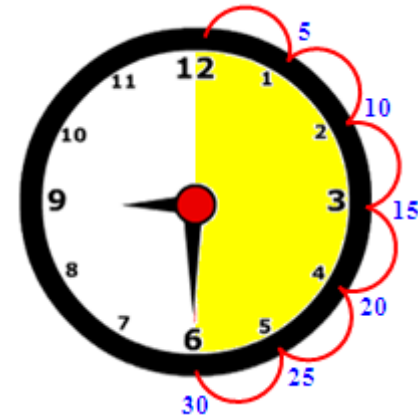
half of



One of 2 equal parts.

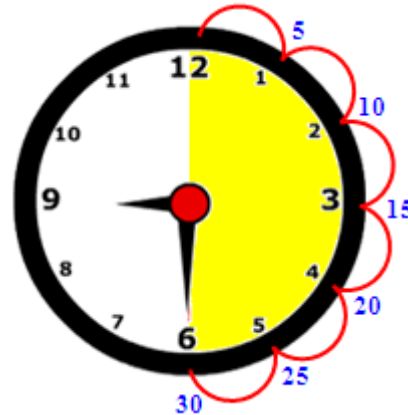
half past

half past



half past eight

half past

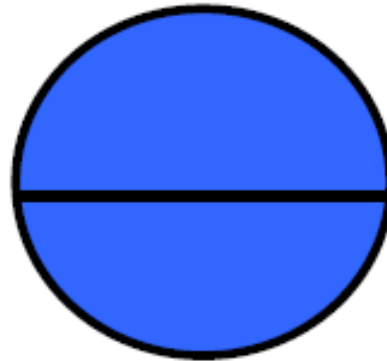


half past eight

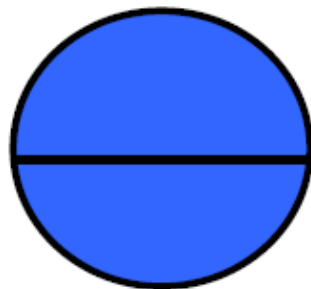
30 minutes after
the hour.

halves

halves



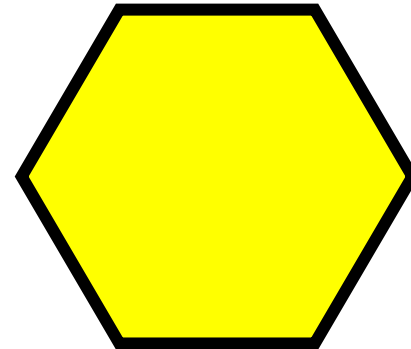
halves



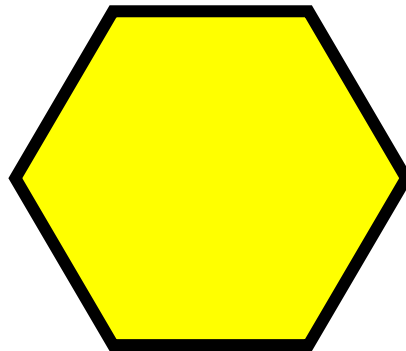
The parts you get
when you divide
something into
2 equal parts.

hexagon

hexagon



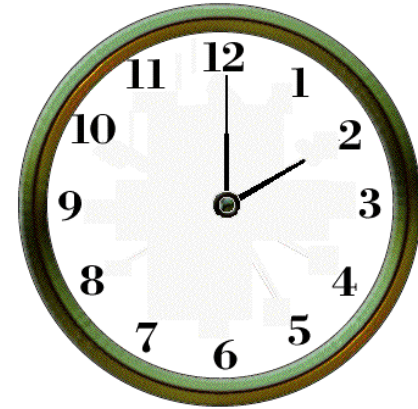
hexagon



A shape with
6 straight sides
and 6 vertices.

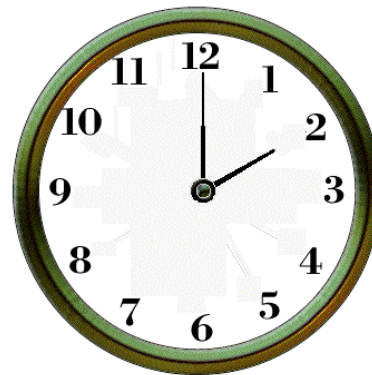
hour (hr)

hour (hr)



60 minutes = 1 hour

hour (hr)

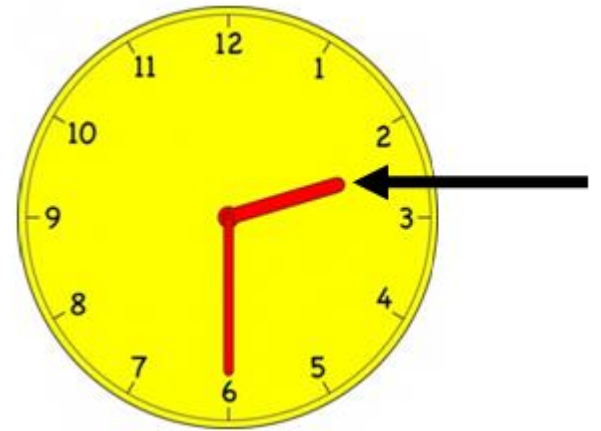


60 minutes = 1 hour

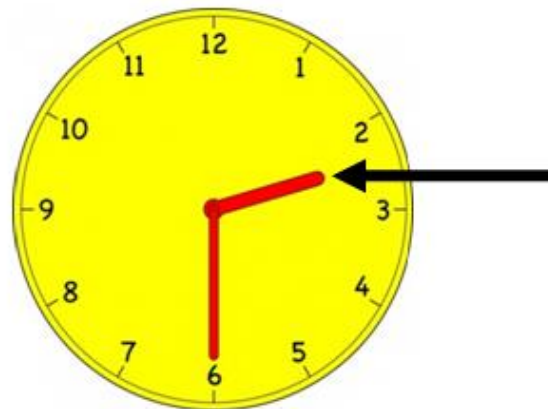
A unit of time equal
to 60 minutes.

hour hand

hour hand



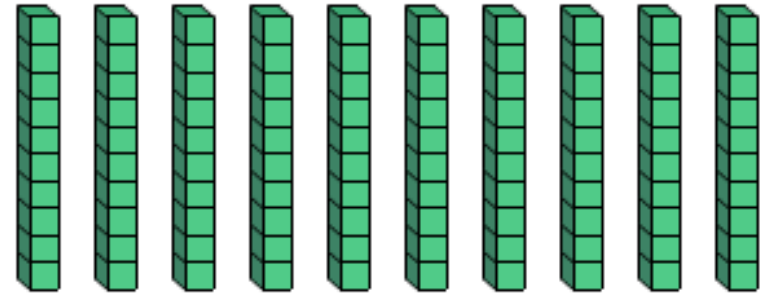
hour hand



A short hand on a clock.

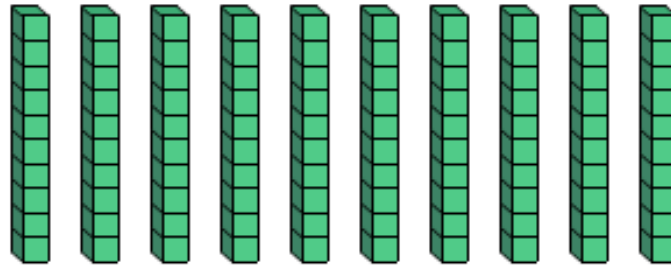
hundred

hundred



100

hundred

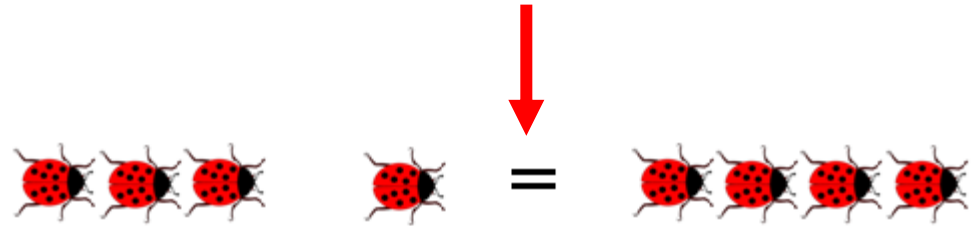


100

A number equal to
10 tens or 100 ones.

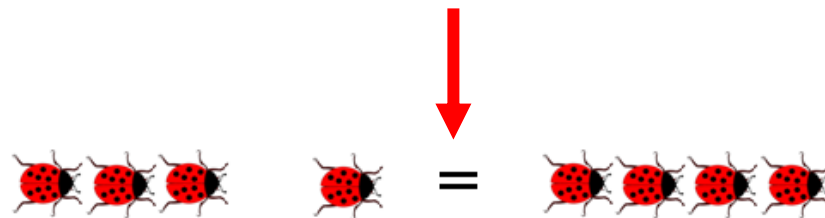
is the same as

is the same as



3 + 1 is the same amount as 4.

is the same as

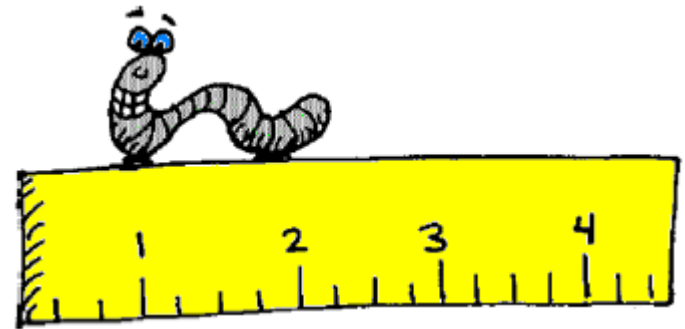


3 + 1 is the same amount as 4.

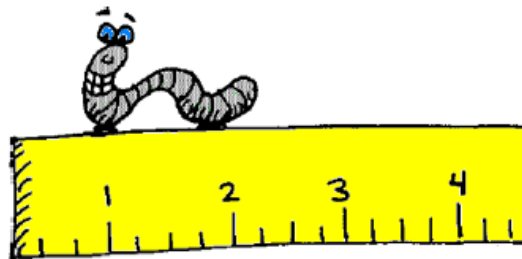
The meaning of the equal sign. Having the same amount on each side of the equal sign. (also known as equal)

length

length



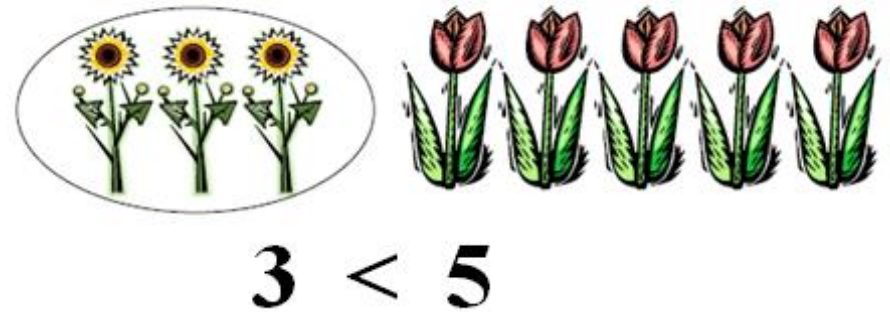
length



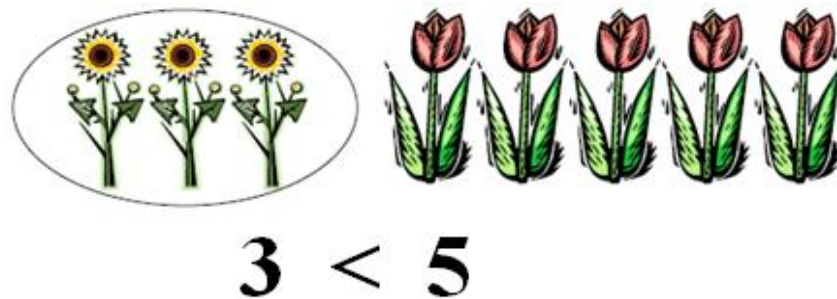
How long something is.
The distance from one
point to another.

less than

less than



less than

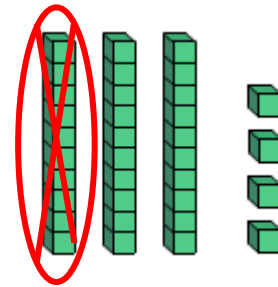


Less than is used to compare two numbers when the first number is smaller than the second number.

less than

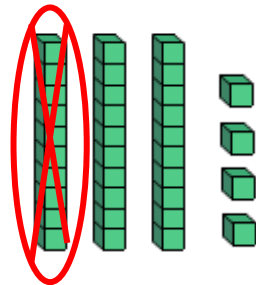
less than

10 less than 34



24

10 less than 34



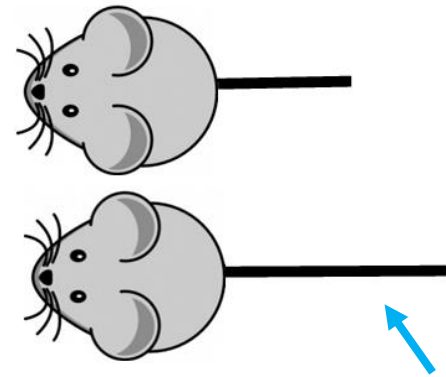
24

less than

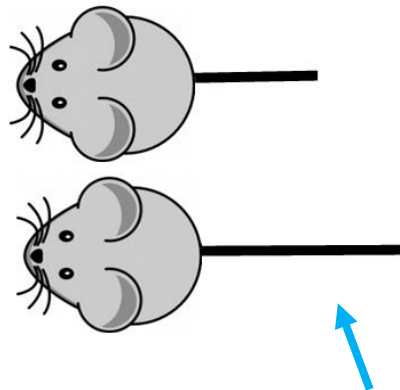
Less than can be used to describe an action to mentally subtract 10 from a given number.

longer

longer



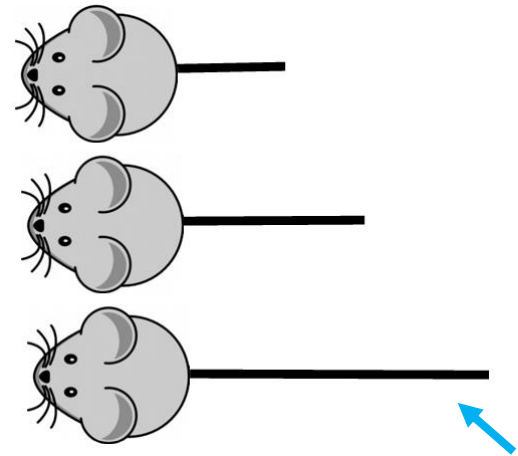
longer



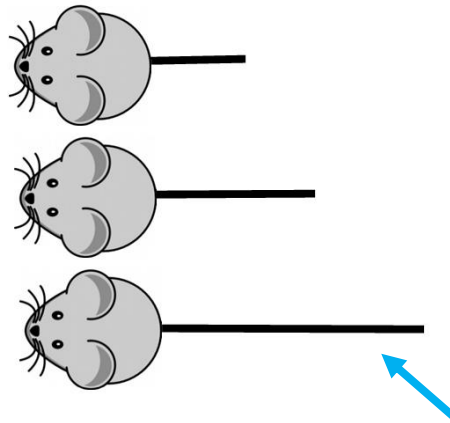
A word used when
comparing the length
of two objects.

longest

longest



longest



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

