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.

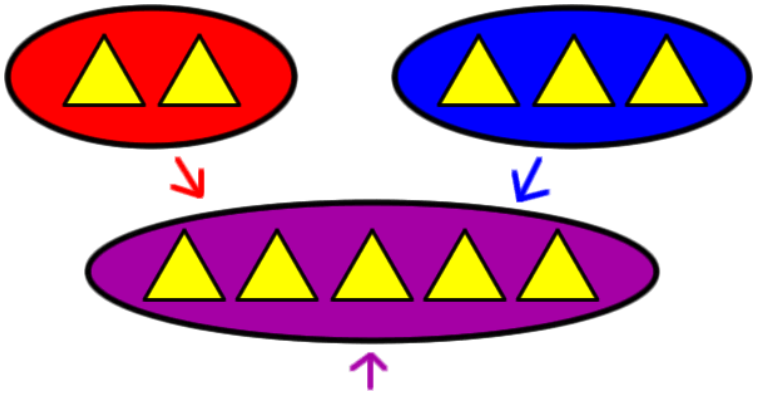
For possible additions or corrections to the vocabulary cards, please contact the Granite School District Math Department at 385-646-4239.

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/

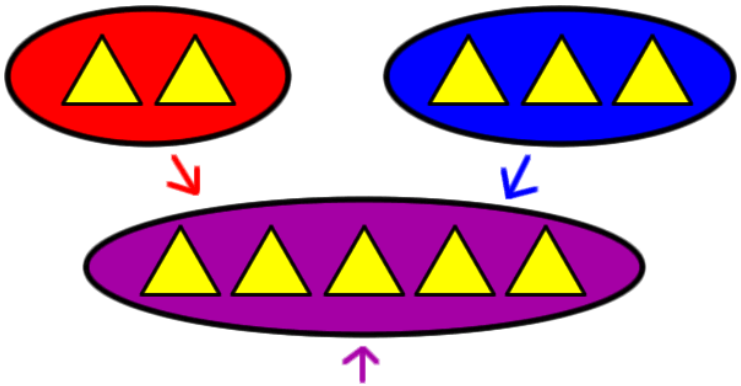
add

add



2 + 3 = 5

add

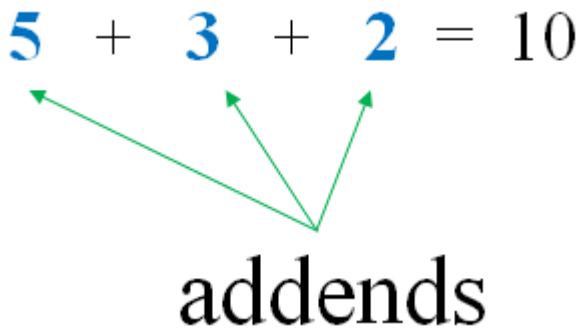


2 + 3 = 5

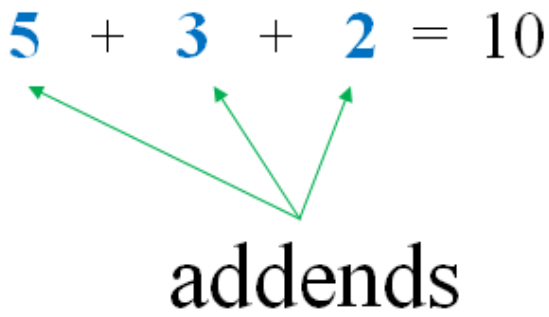
To combine, put together two or more quantities.

addend

addend



addend



Any number being added.

analog clock

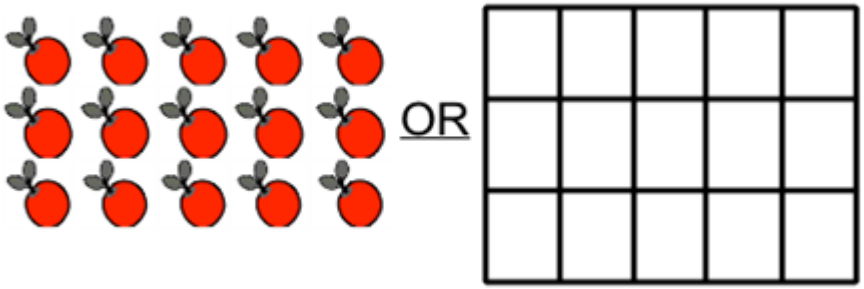
analog clock

analog clock

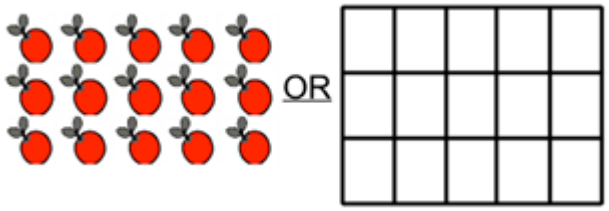
A clock that shows the time by the positions of the hour and minute hand.

array

array



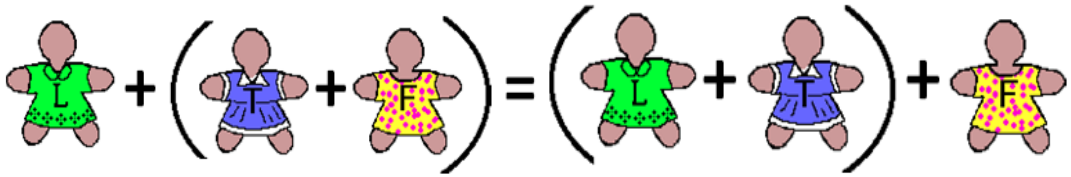
array



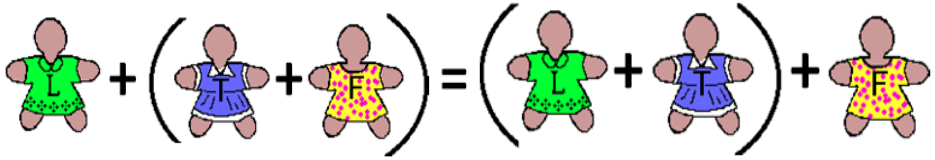
An arrangement of objects in equal rows and equal columns.

Associative Property of Addition

Associative Property of Addition



Associative Property of Addition



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

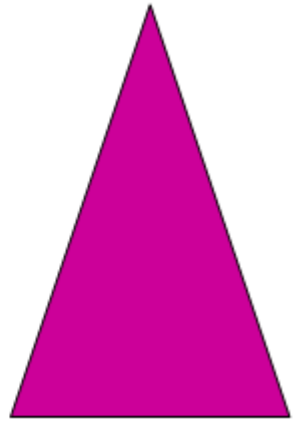
attribute

attribute

large

triangle

pink

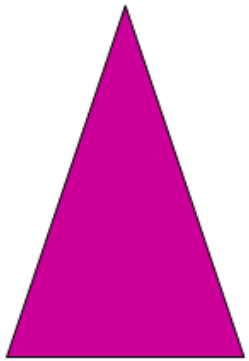


attribute

large

triangle

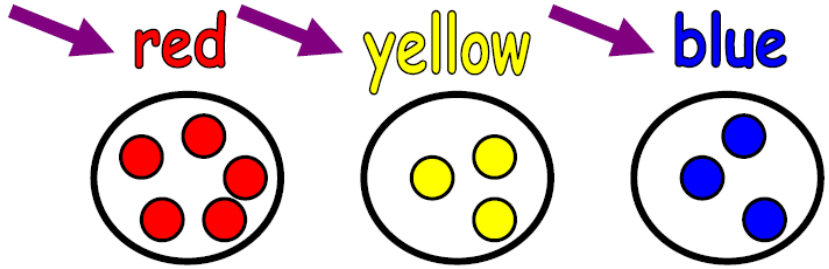
pink



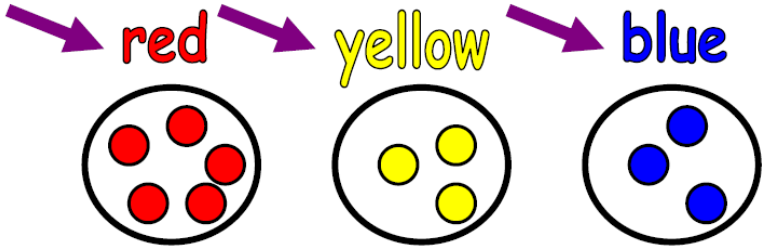
A characteristic of an object, such as color, shape, size, etc.

category

category



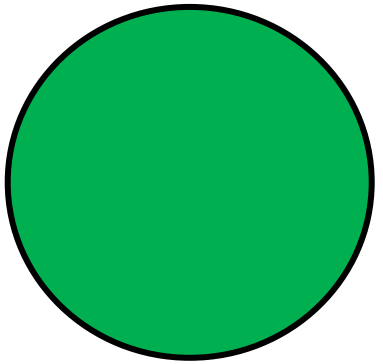
category



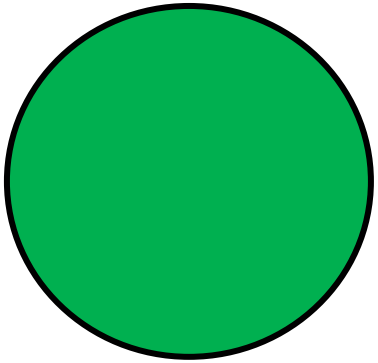
A collection of things sharing a common attribute.

circle

circle



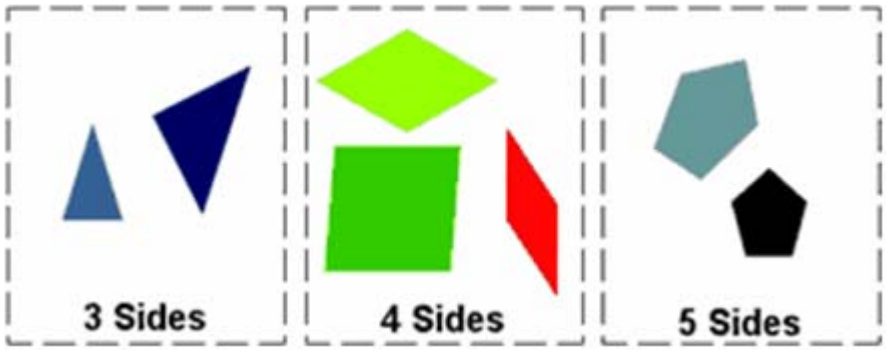
circle



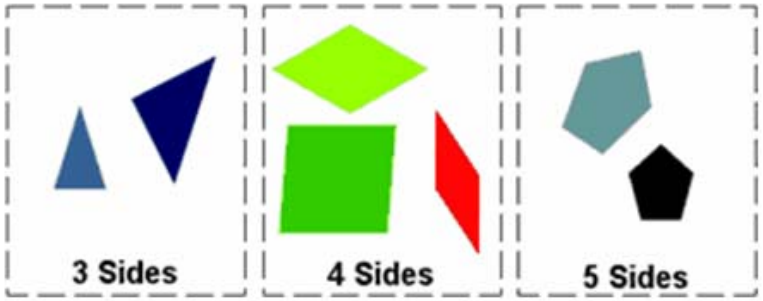
A figure with no sides and no vertices.

classify

classify



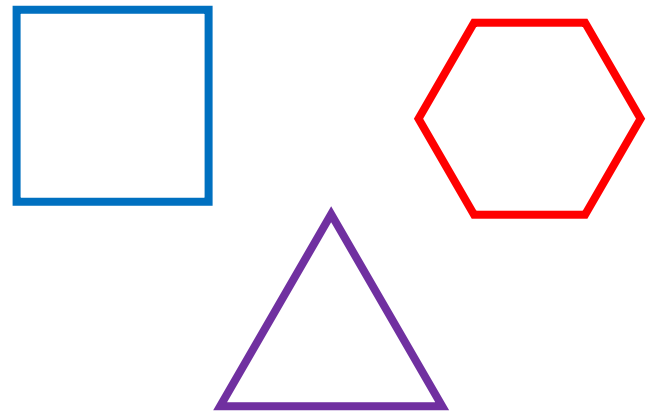
classify



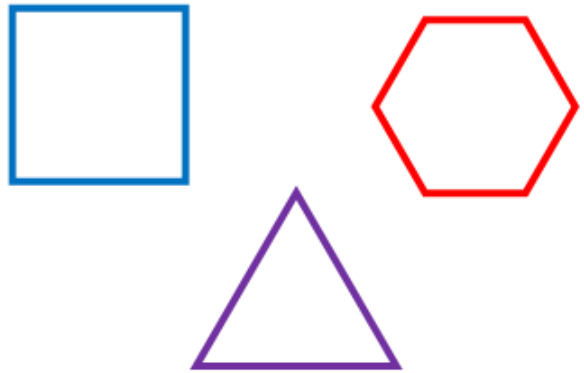
To sort into categories or to arrange into groups by attributes.

closed figure

closed figure



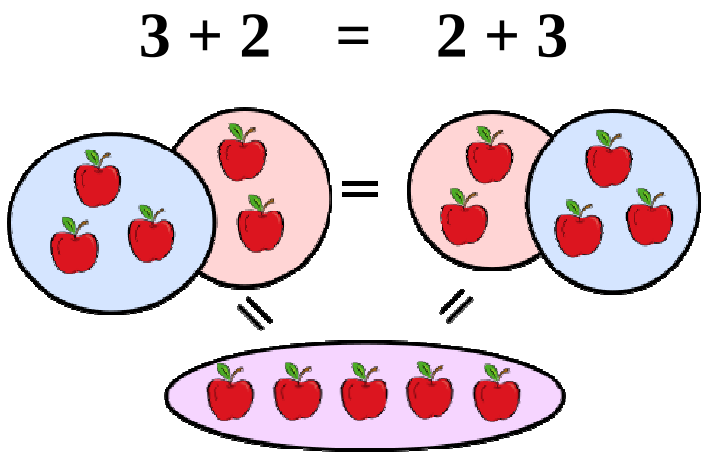
closed figure



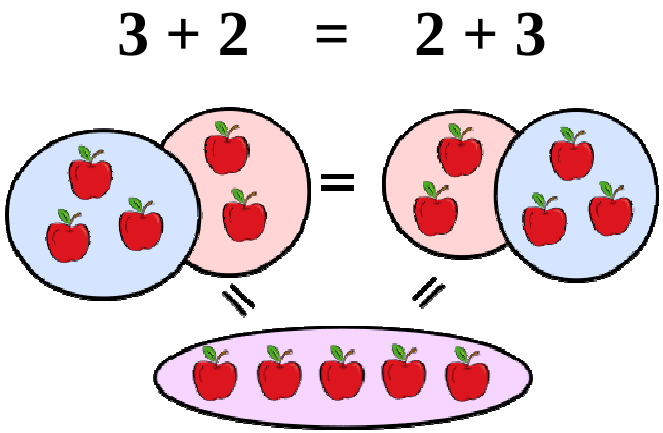
A figure with all the sides connected.

Commutative Property of Addition

Commutative property of Addition



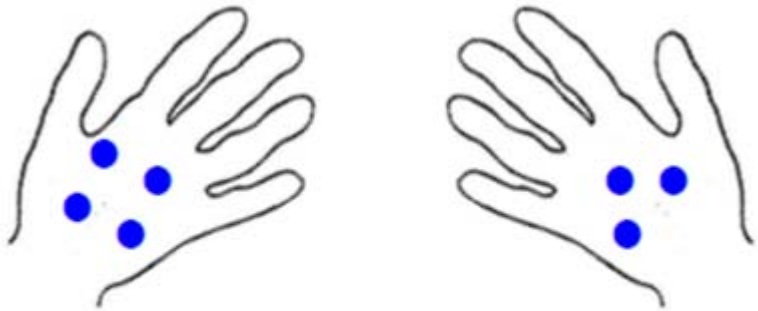
Commutative Property of Addition



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

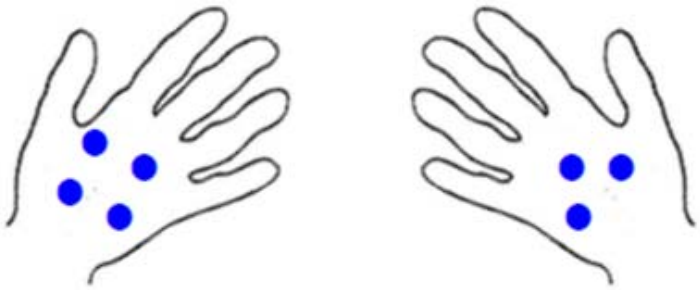
compare

compare



4 is more than 3

compare

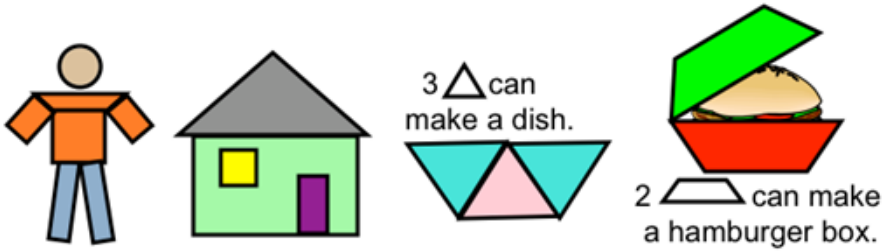


4 is more than 3

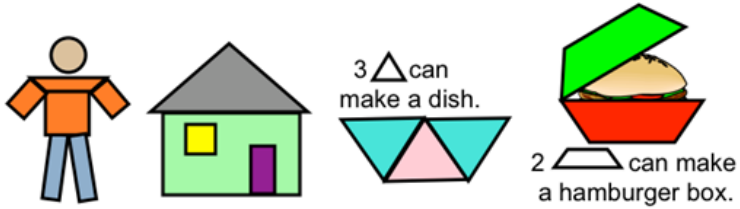
To decide if one number is greater than, less than, or equal to another number.

compose

compose



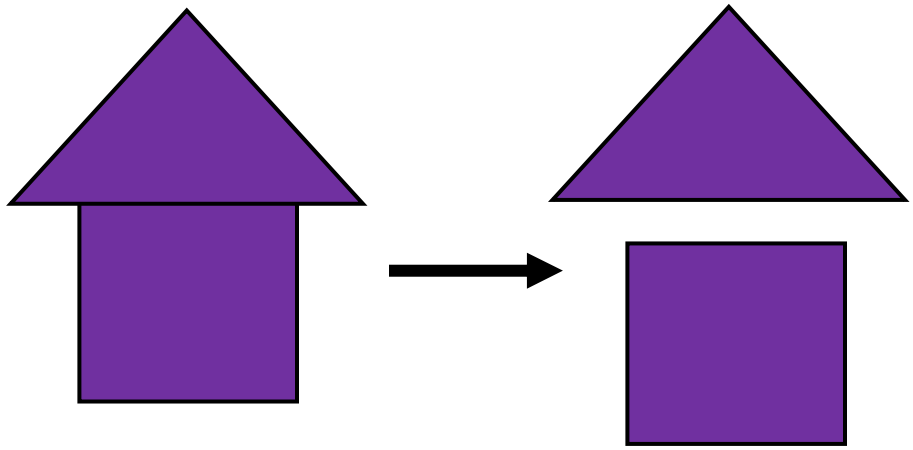
compose



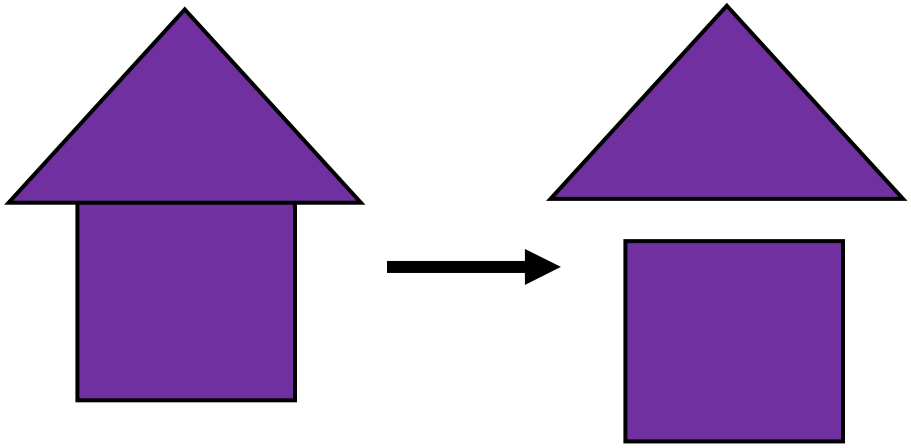
To put together basic elements.

composite shape

composite shape



composite shape

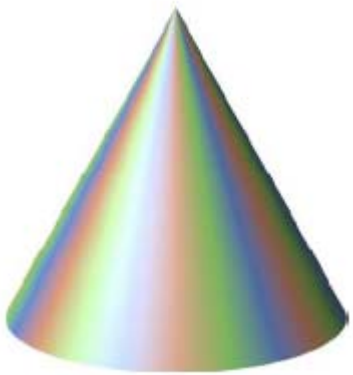


A figure that is made from 2 or more geometric figures.

cone

cone

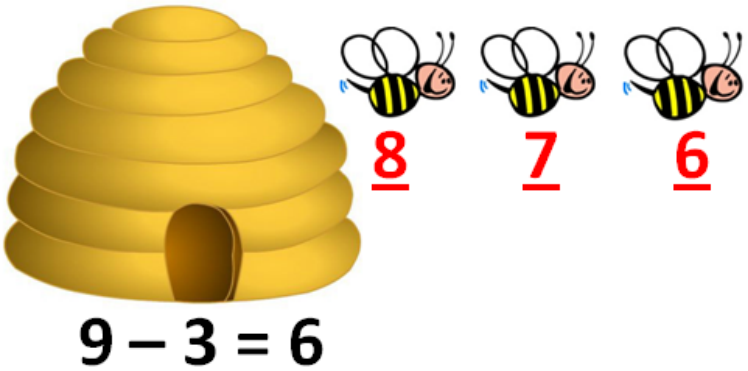
cone



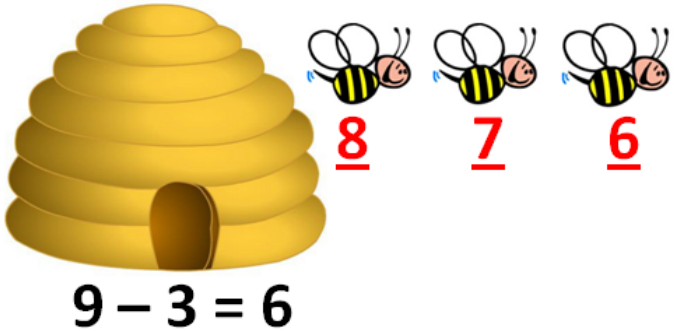
A geometric solid with a circular base and curved surface that meets at a point.

count back

count back



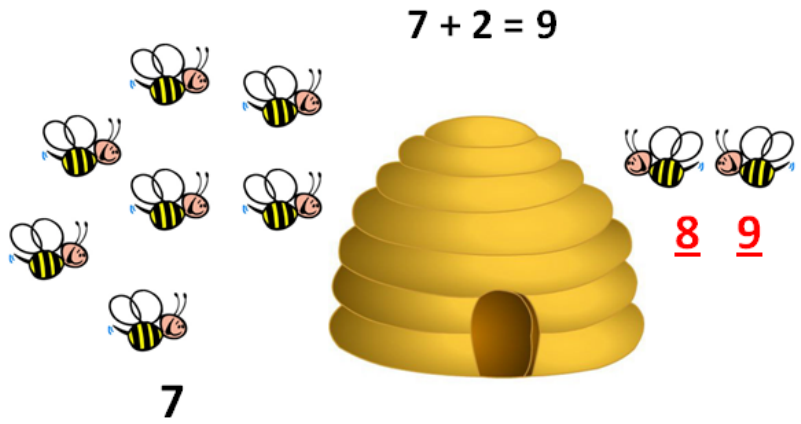
count back



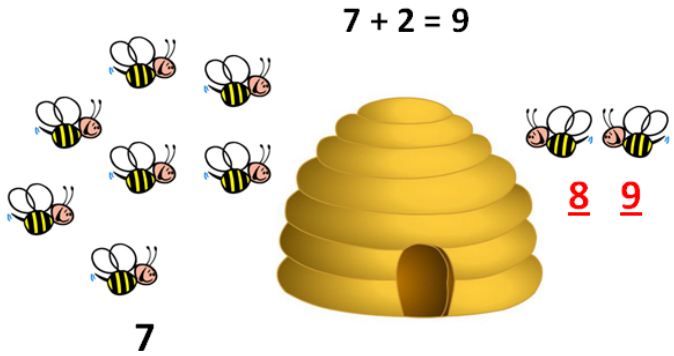
A way to subtract.

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

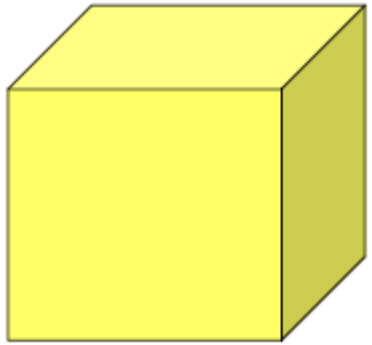
7 – 5 = 2

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

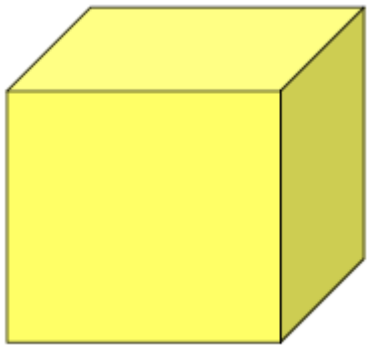
A way to subtract. Finding the difference by adding up from the smaller number to the larger number.

cube

cube



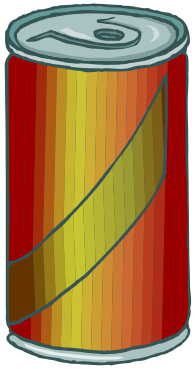
cube

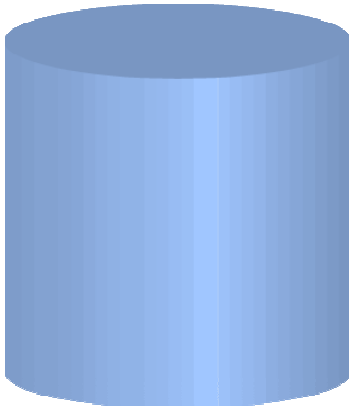


A solid figure with six square faces.

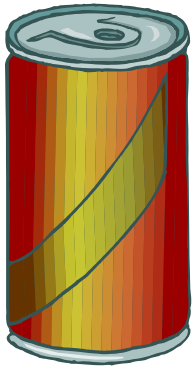
cylinder

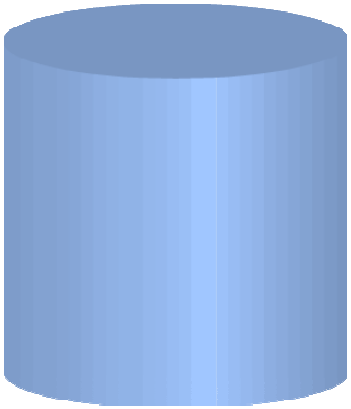
cylinder





cylinder



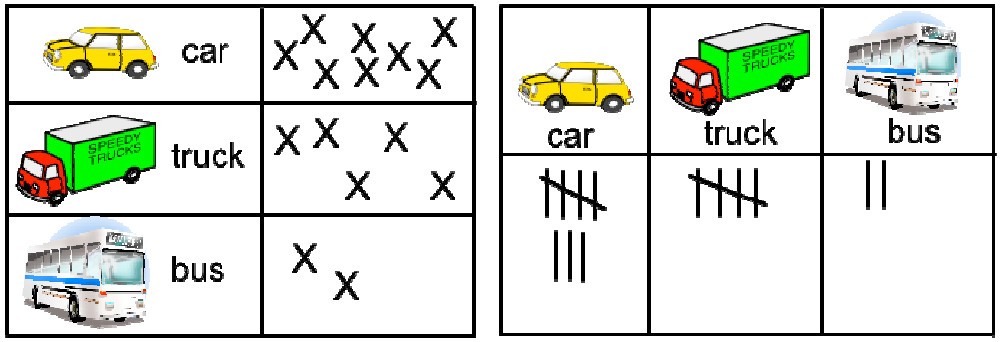


A geometric solid with 2 circular bases and a curved surface.

data

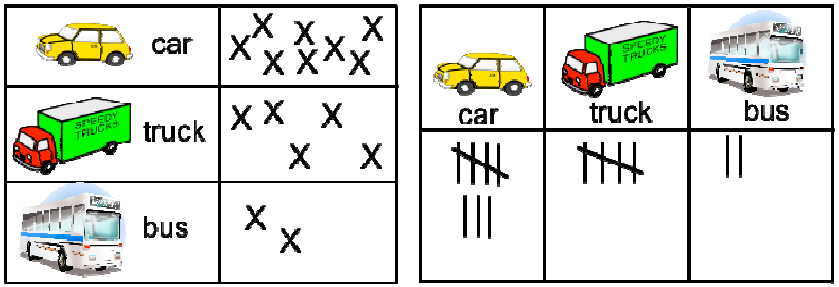
data

data *collecting*



data

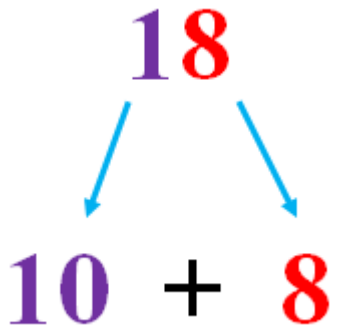
data *collecting*



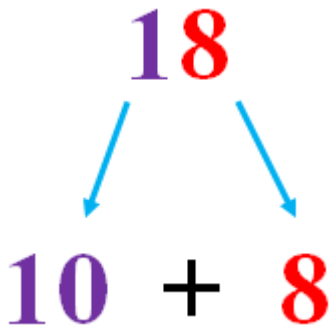
A collection of information.

decompose

decompose



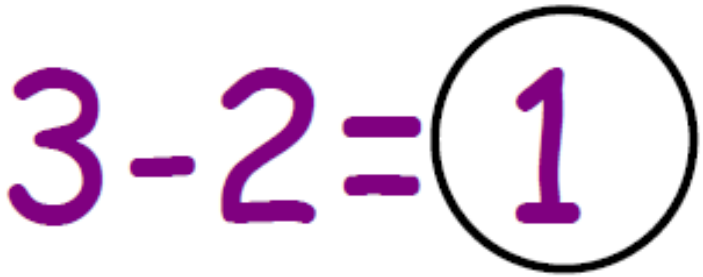
decompose



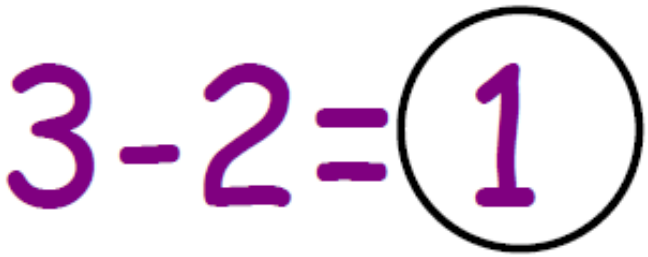
To separate into basic elements.

difference

difference



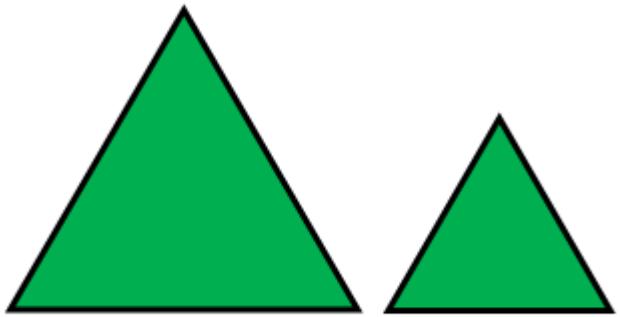
difference



The result when one number is subtracted from another.

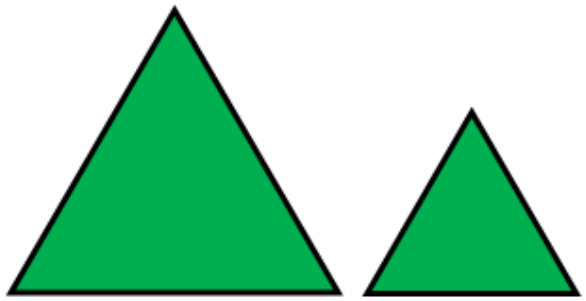
different

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

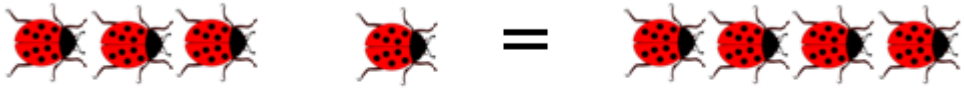
---

digital clock

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

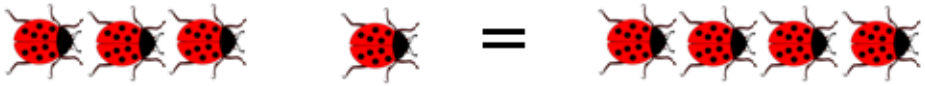
equal

equal



3 + 1 is the same amount as 4

equal

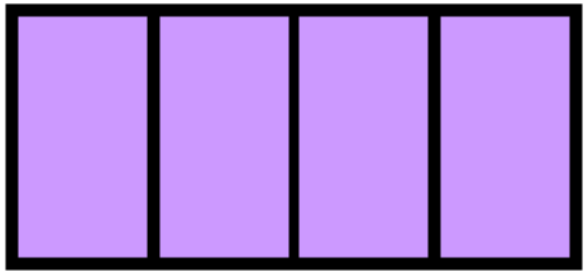


3 + 1 is the same amount as 4

Having the same amount.

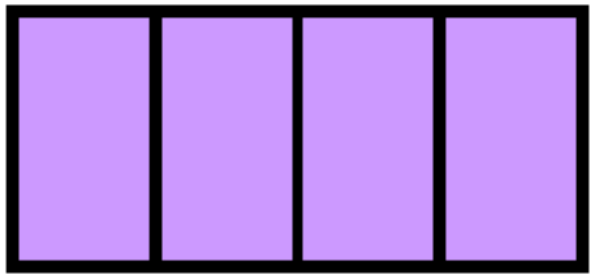
equal shares

equal shares



4 equal parts

equal shares

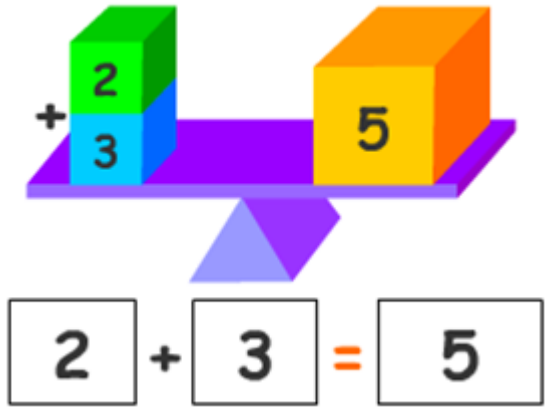


4 equal parts

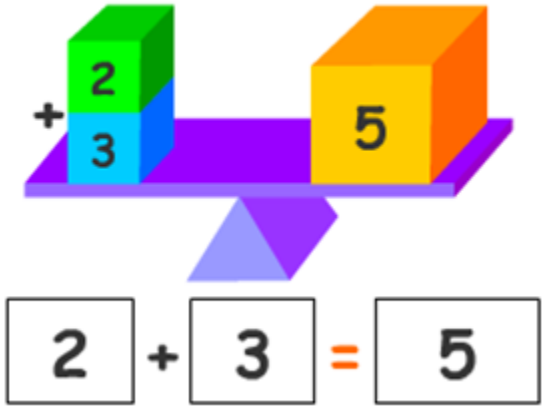
Equal parts of a whole.

equation

equation



equation

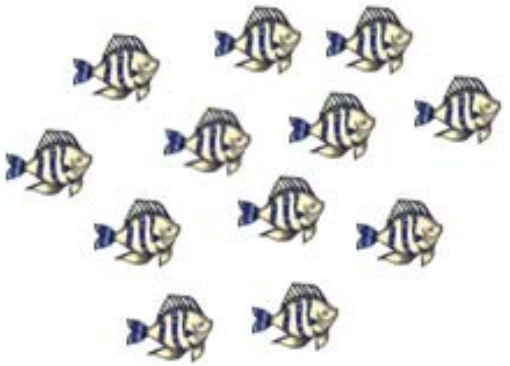


A number sentence with an equal sign. The amount on one side of the equal sign has the same value as the amount on the other side.

estimate

---

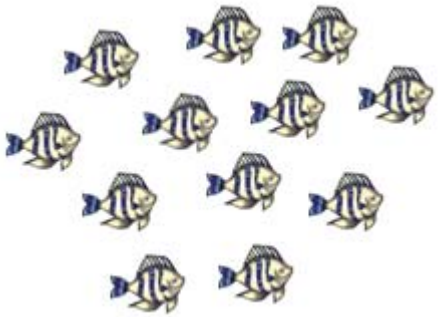
estimate



***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

---

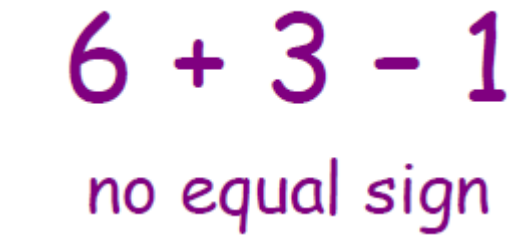
expression

6 + 3 – 1

no equal sign

---

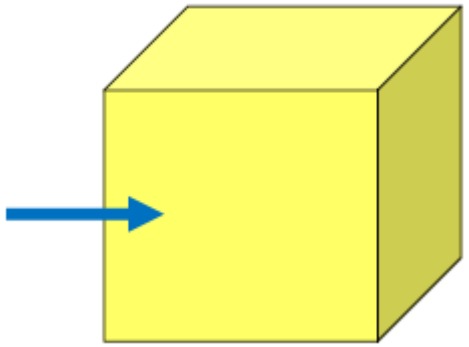
expression



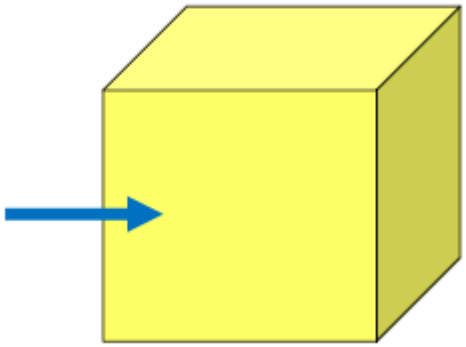
A mathematical phrase without an equal sign.

face

face



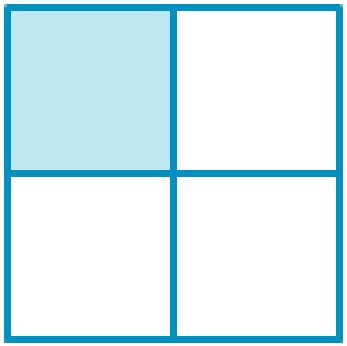
face



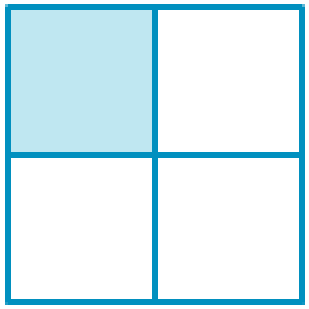
A surface on a solid figure.

fourth of

fourth of



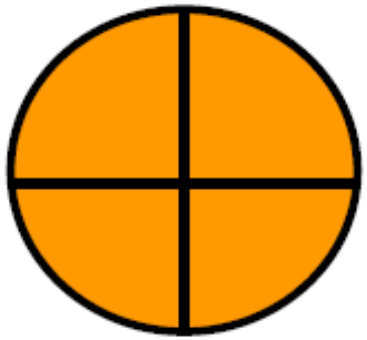
fourth of

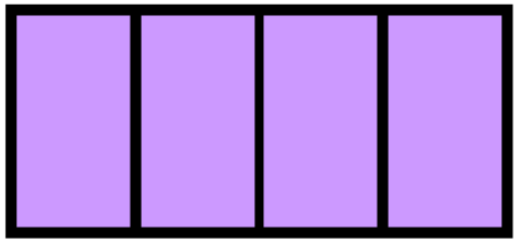


One of four equal parts.

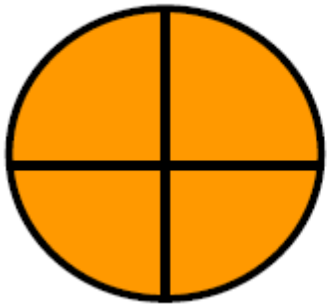
fourths

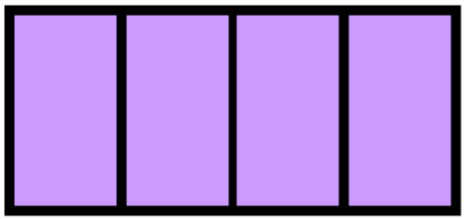
fourths





fourths



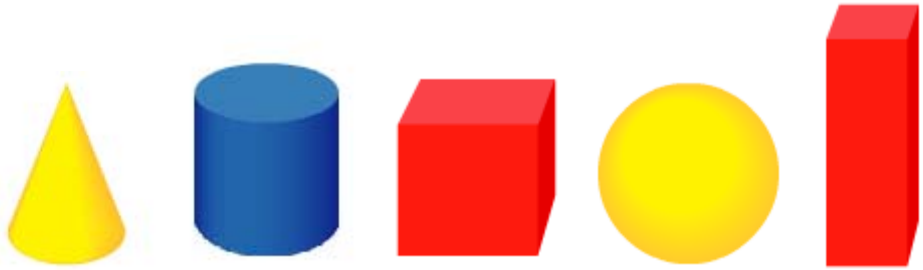


The parts you get when you divide something into four equal parts.

geometric solid

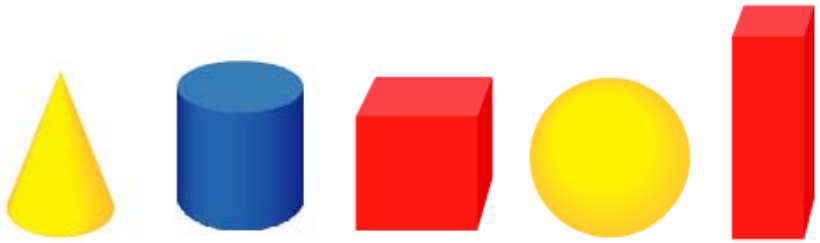
---

geometric solid



---

geometric solid



A three dimensional figure.

greater than

greater than

5 > 3

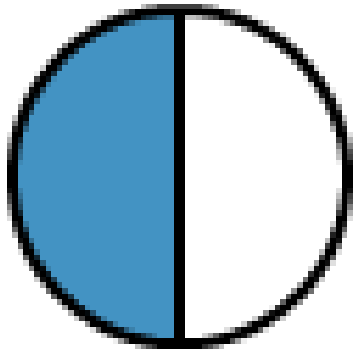
greater than

5 > 3

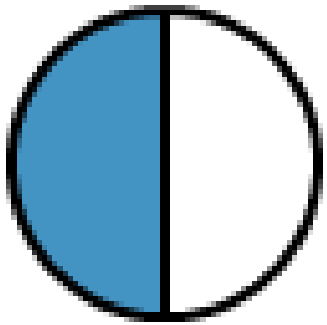
Greater than is used to compare two numbers when the first number is larger than the second number.

half circle

half circle



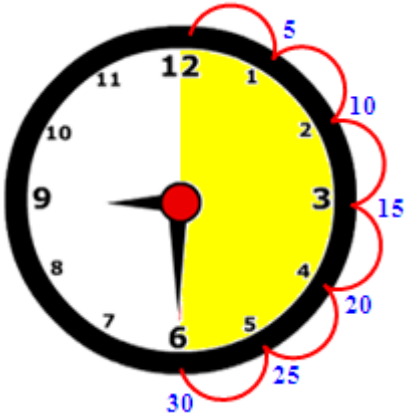
half circle



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

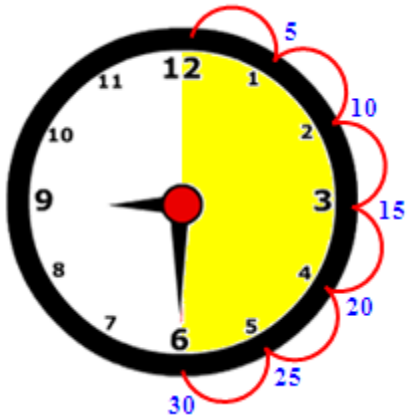
half hour

half hour



30 minutes = one half-hour

half hour

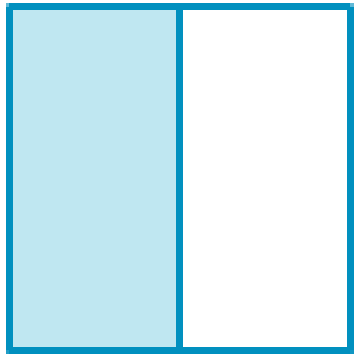


30 minutes = one half-hour

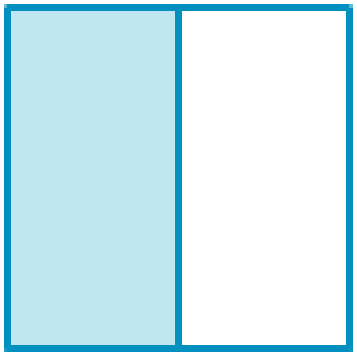
A unit of time equal to 30 minutes.

half of

half of



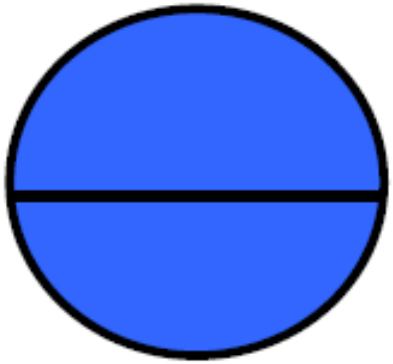
half of

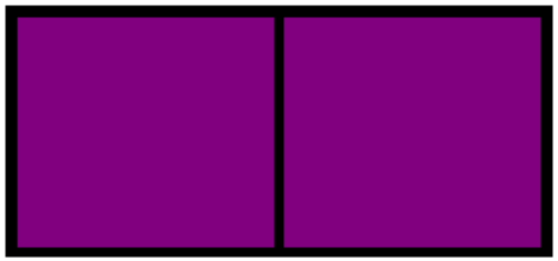


One of 2 equal parts.

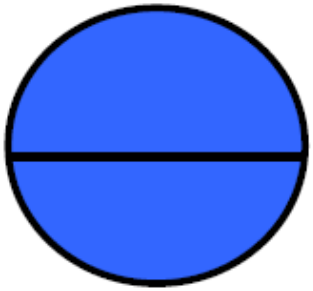
halves

halves





halves



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

heavier

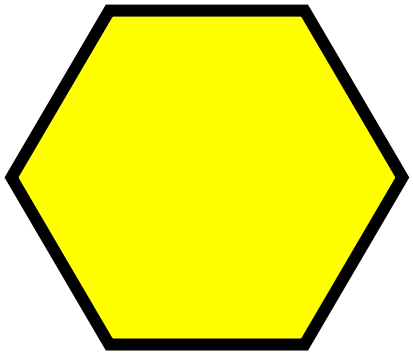
heavier

heavier

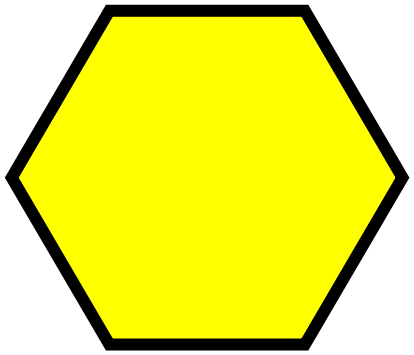
Having a weight that is greater than that of another object.

hexagon

hexagon



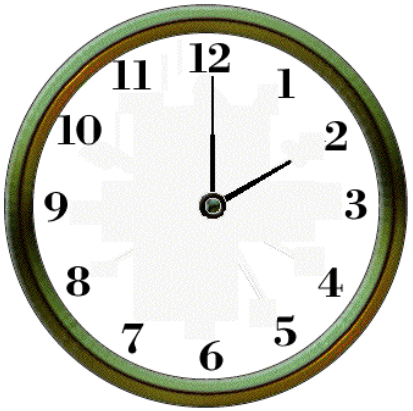
hexagon



A figure with 6 straight sides.

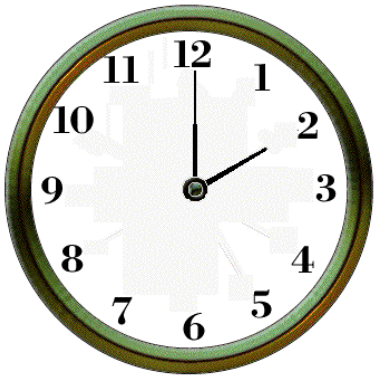
hour (hr)

hour (hr)



60 minutes = 1 hour

hour (hr)

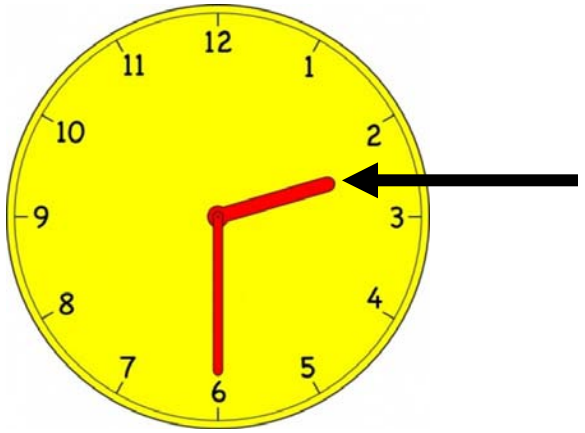


60 minutes = 1 hour

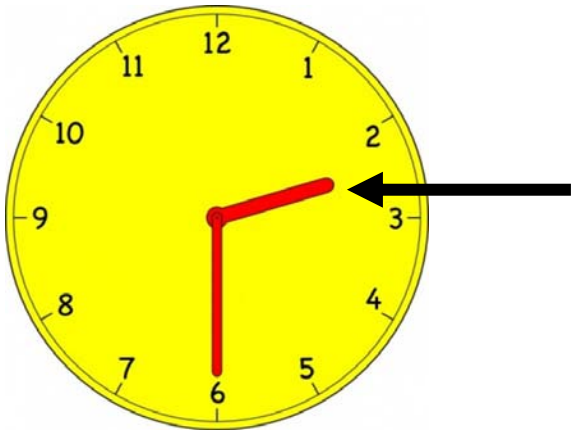
A unit of time equal to 60 minutes.

hour hand

hour hand



hour hand

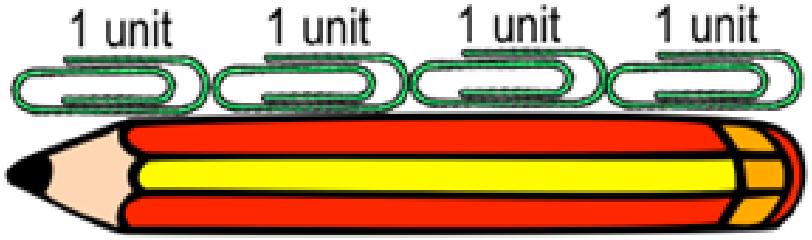


The short hand on a clock.

iterate

---

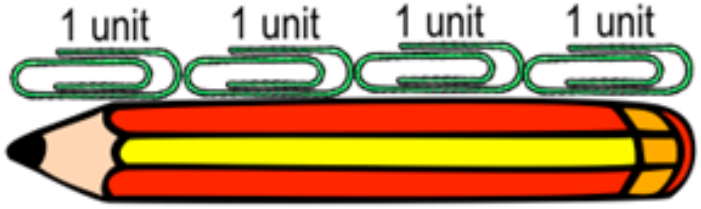
iterate



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

---

iterate

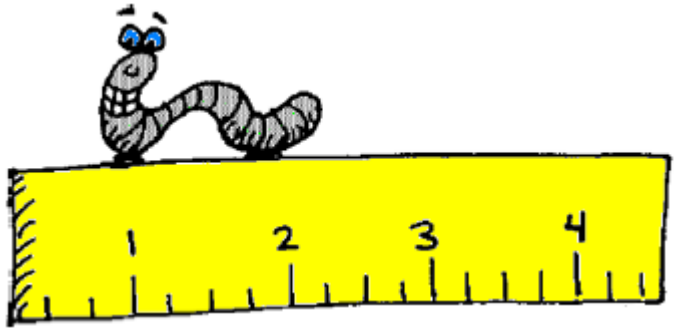


Laying multiple paper clips end to end
to measure the length of a pencil.

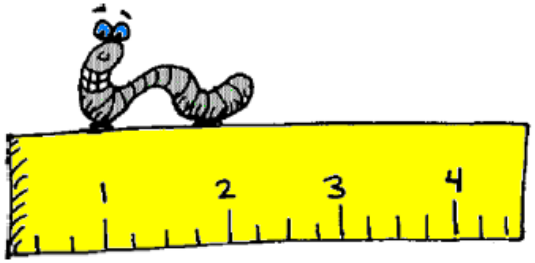
To repeat; to do again and again; to make repeated use of a mathematical procedure.

length

length



length



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

less than

less than

3 < 5

less than

3 < 5

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

lighter

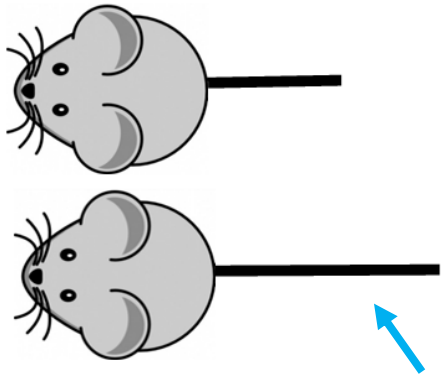
lighter

lighter

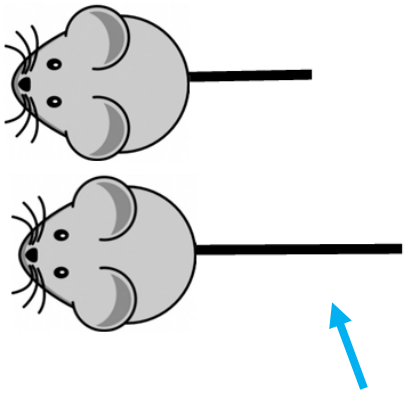
Having a weight that is less than that of another object.

longer

longer



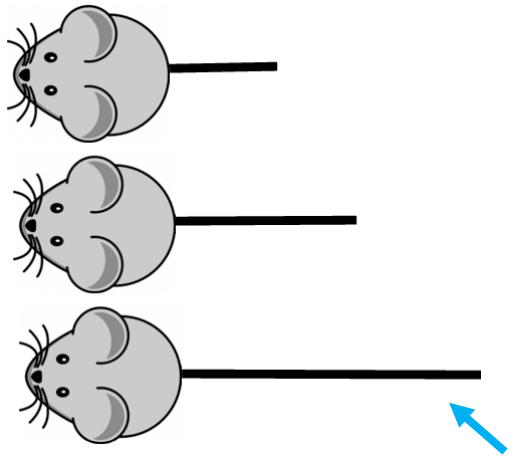
longer



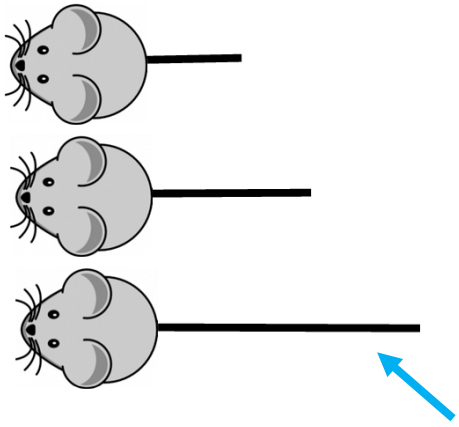
A word used when comparing the length of two objects.

longest

longest



longest



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