Vocabulary Cards and Word Walls

Revised: June 29, 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.

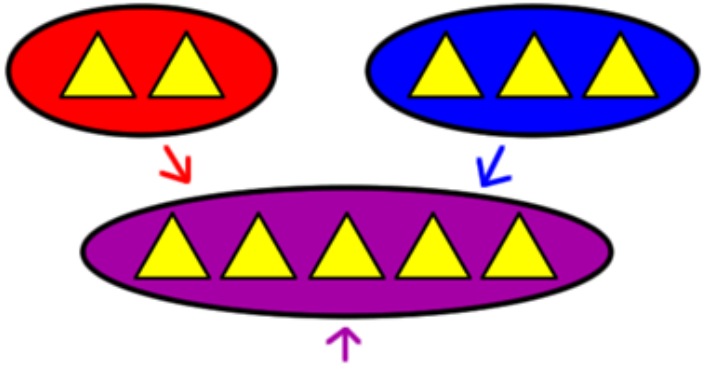
For possible additions or corrections to the vocabulary cards, please contact the Granite School District Math Department at 385-646-4239.

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

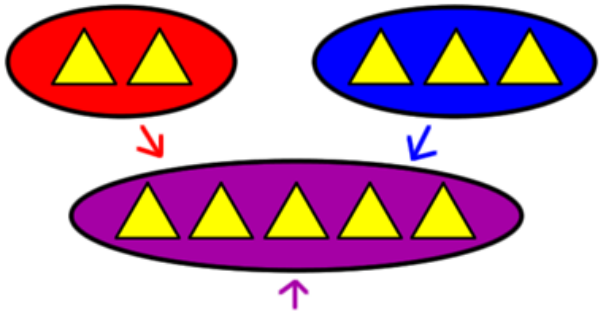
add

add



2 + 3 = 5

add



2 + 3 = 5

To combine, put together two or more quantities.

addend

---

addend

$$5 + 3 + 2 = 10$$

addends

---

addend

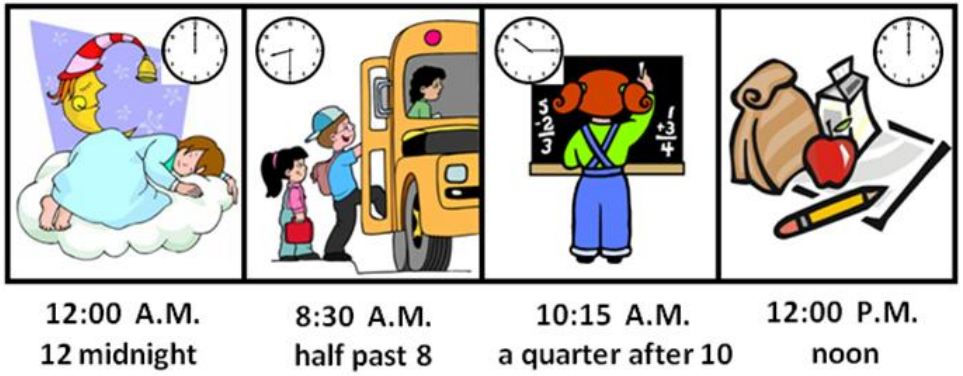
$$5 + 3 + 2 = 10$$

addends

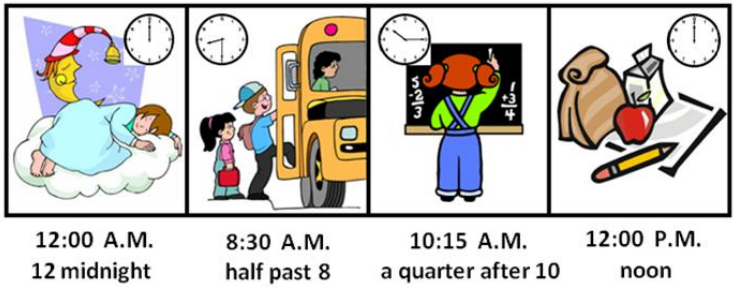
Any number being added.

a.m.

a.m.



a.m.



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

analog clock

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analog clock

---

analog clock

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

angle

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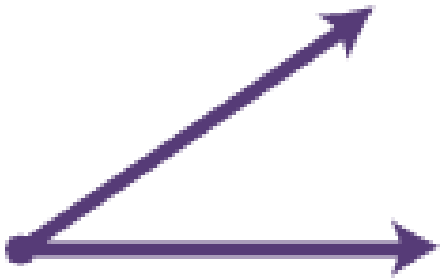
angle



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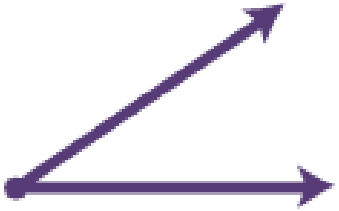
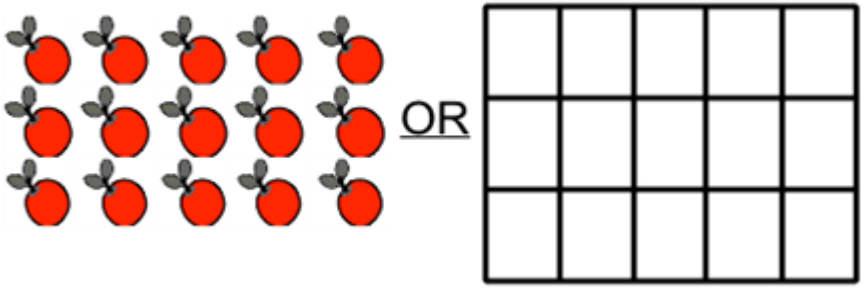
angle



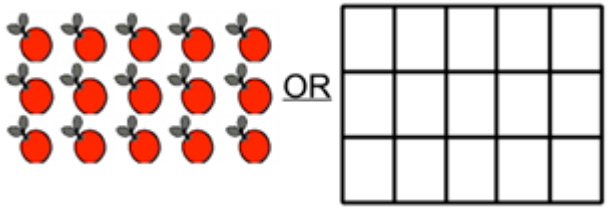
Two lines that meet at a common point.

array

array



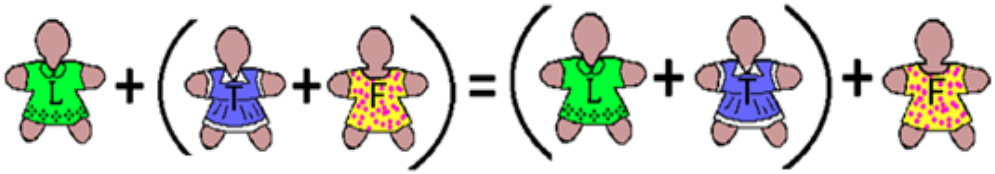
array



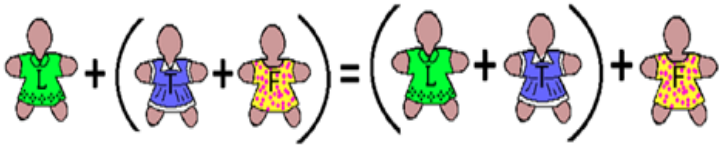
An arrangement of objects in equal rows and equal columns.

Associative property of Addition

Associative Property of Addition



Associative Property of Addition



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

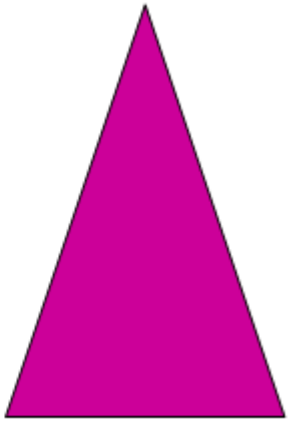
attribute

attribute

large

triangle

pink

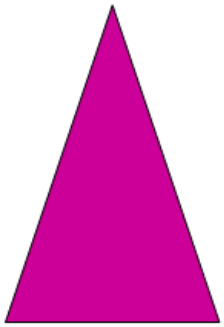


attribute

large

triangle

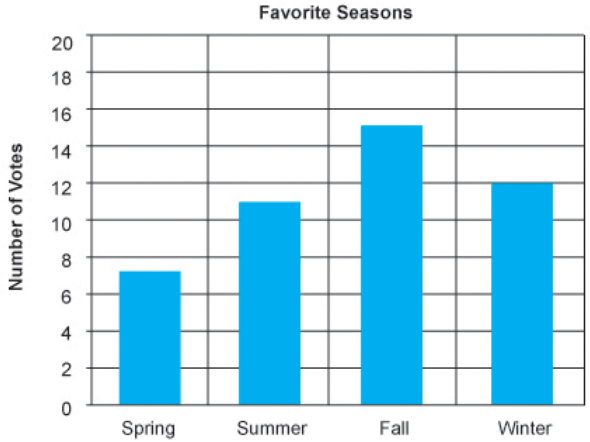
pink



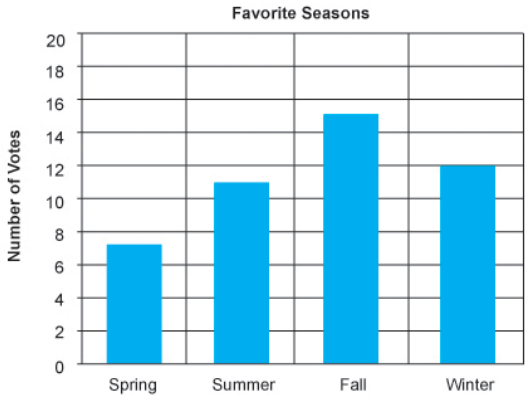
A characteristic of an object, such as color, shape, size, etc.

bar graph

bar graph



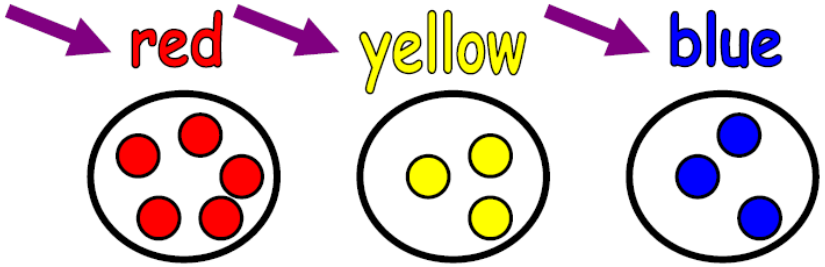
bar graph



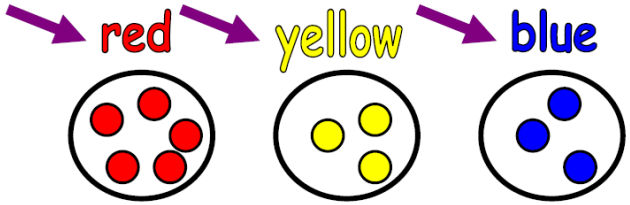
A graph that uses height or length of rectangles to compare data.

category

category



category



A collection of things sharing a common attribute.

cent

cent

1¢

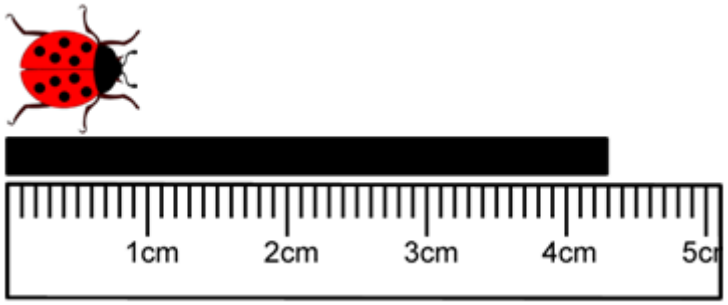
cent

1¢

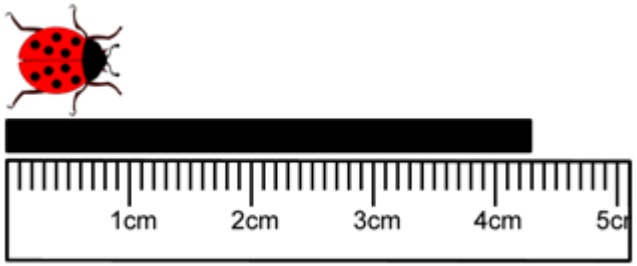
A unit of money. A penny is one cent or 1¢.
100 cents = one dollar

centimeter (cm)

centimeter (cm)



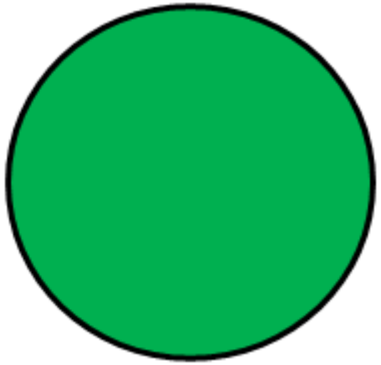
centimeter (cm)



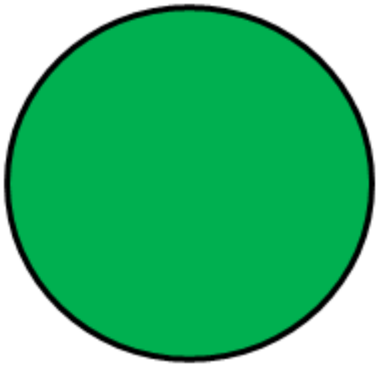
A metric unit of length.
100 centimeters = 1 meter.

circle

circle



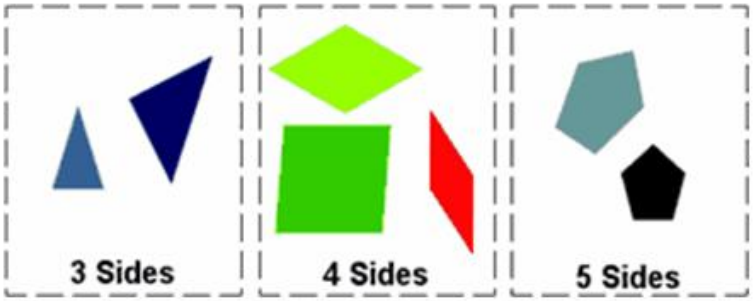
circle



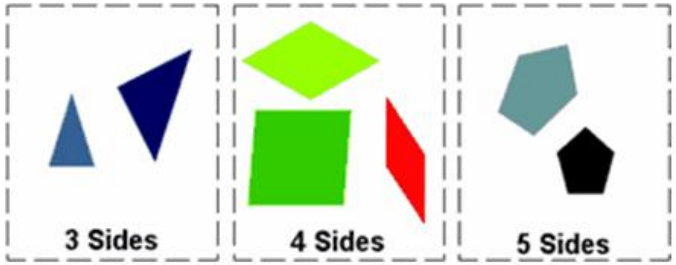
A figure with no sides and no vertices.

classify

classify



classify



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

closed figure

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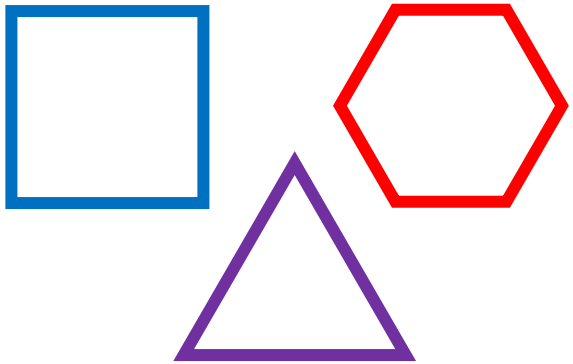
closed figure



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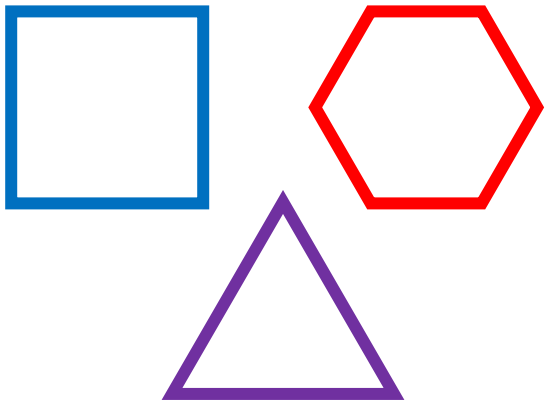
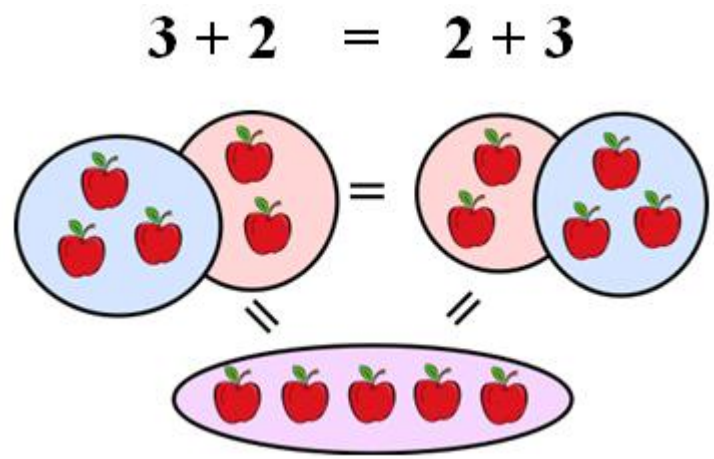
closed figure



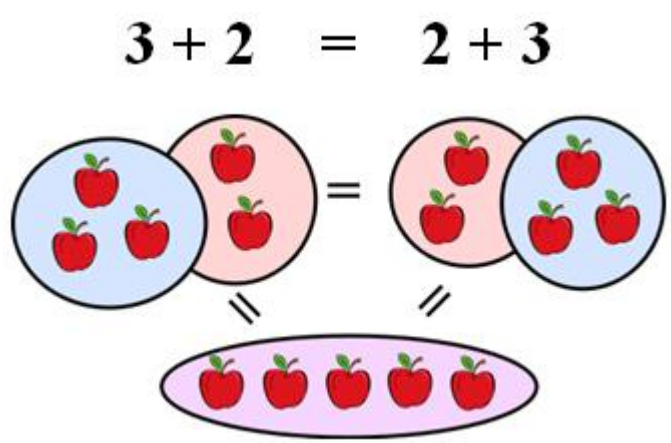
A figure with all the sides connected.

Commutative Property of Addition

Commutative Property of Addition



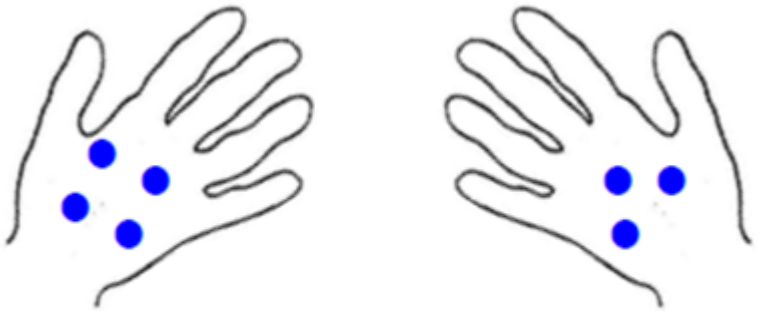
Commutative Property of Addition



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

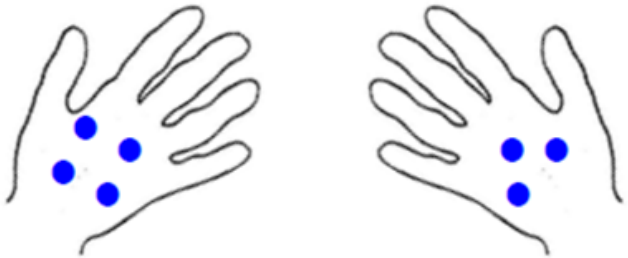
compare

compare



4 is more than 3

compare

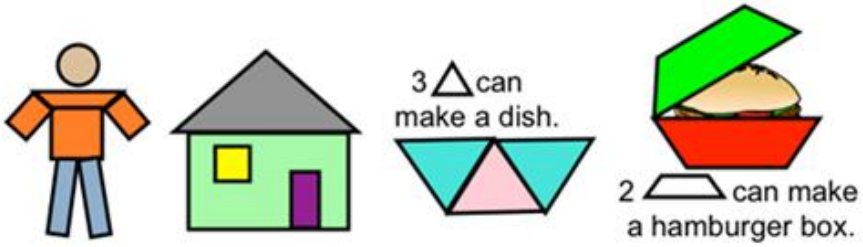


4 is more than 3

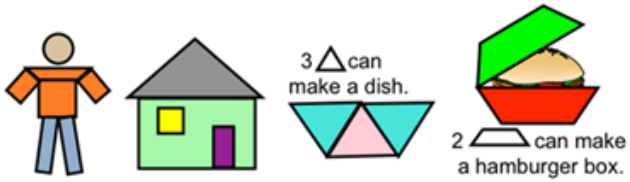
To decide if one number is greater than, less than, or equal to another.

compose

compose



compose



To put together basic elements.

cone

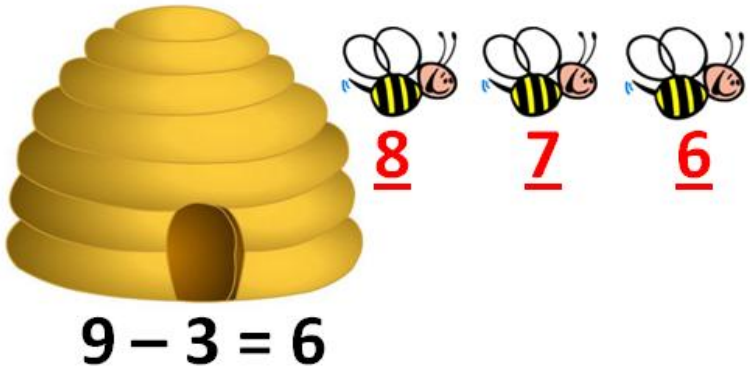
cone

cone

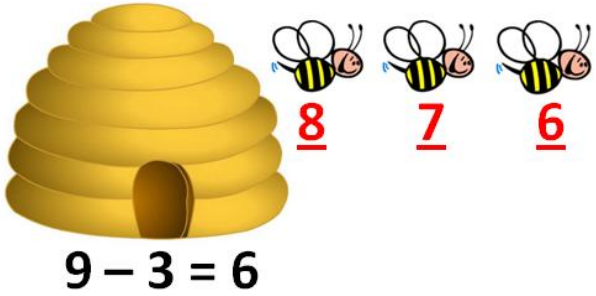
A geometric solid with a circular base and curved surface that meets at a point.

count back

count back



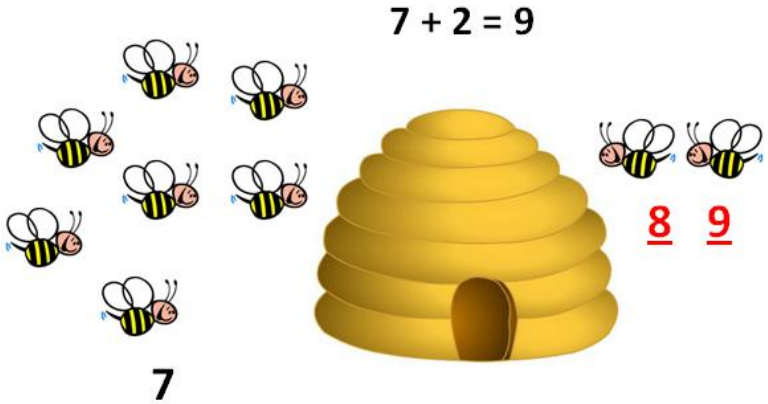
count back



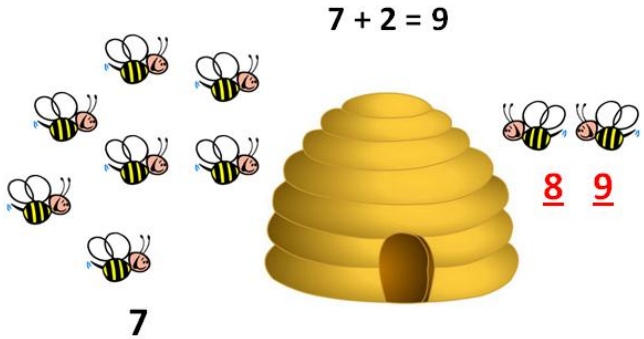
A way to subtract.

count on

count on



count on



A way to add.

counting up

counting up

7 – 5 = 2

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

counting up

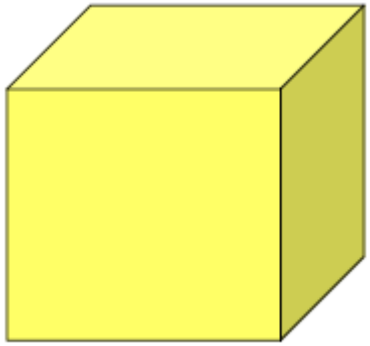
7 – 5 = 2

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

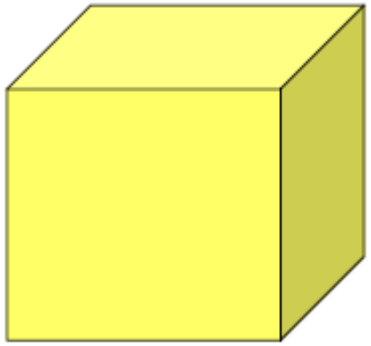
A way to subtract.
Finding the difference by adding up from the smaller number to the larger number.

cube

cube



cube



A solid figure with six square faces.

customary system

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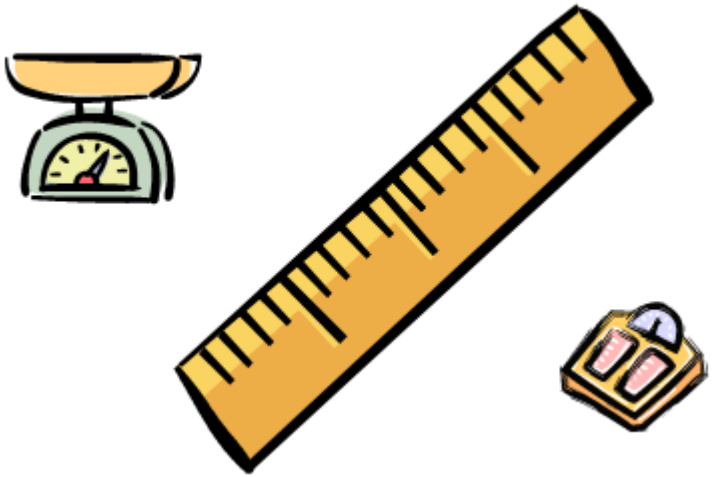
customary system



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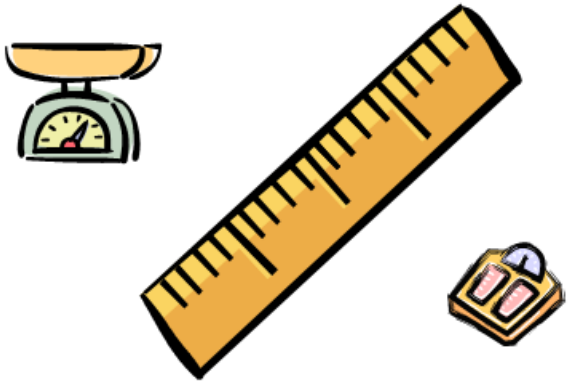
customary system



A system of measurement used in the United States.

cylinder

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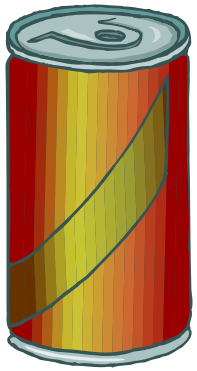
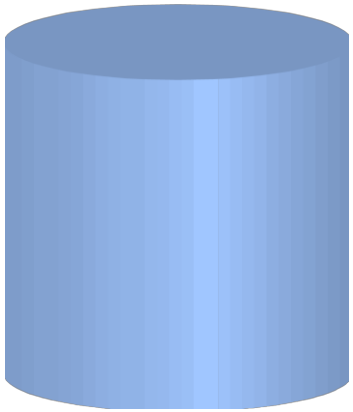
cylinder





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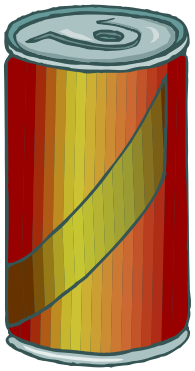
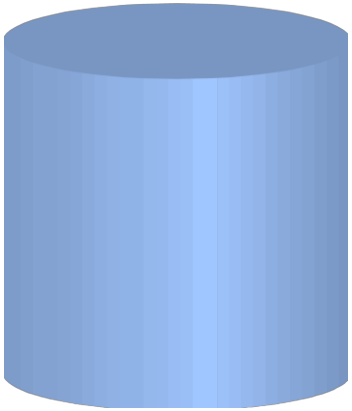
cylinder

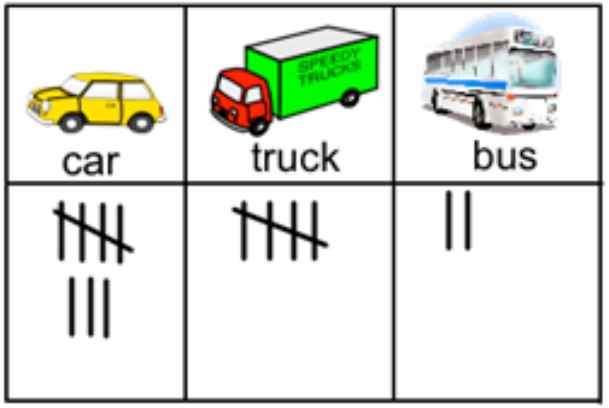




A geometric solid with
2 circular bases and
a curved surface.

data

data



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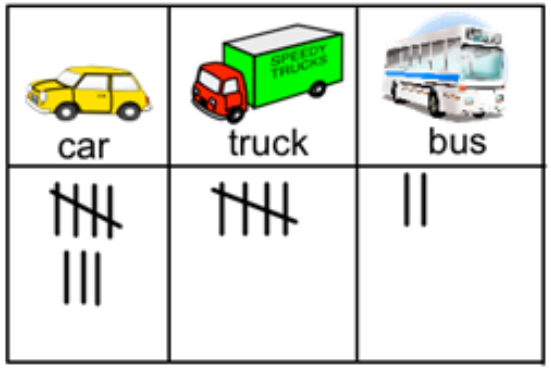
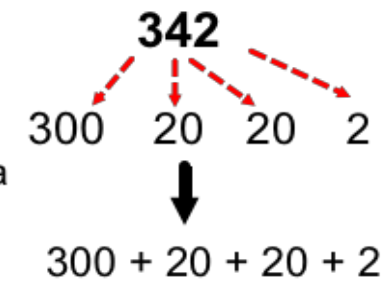


A collection of information.

decompose

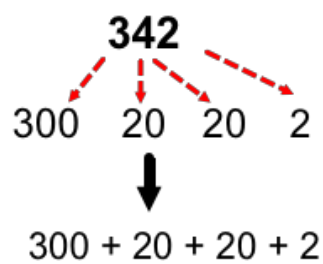
decompose

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



decompose

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



To separate into basic elements

difference

difference 3-2=1

difference 3-2=1

The result when one number is subtracted from another.

digit

---

digit

0 1 2 3 4
5 6 7 8 9

---

digit

0 1 2 3 4
5 6 7 8 9

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

digital clock

digital clock

digital clock

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

dime

---

dime

10 ¢

---

dime

10 ¢

A coin worth 10 cents.

dollar

dollar

100 cents or $1.00

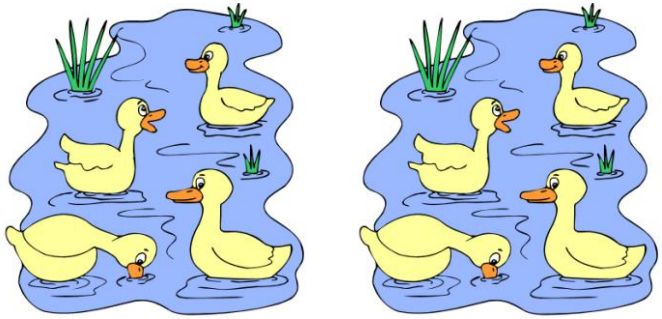
dollar

100 cents or $1.00

An amount of money equal to 100 cents.

doubles

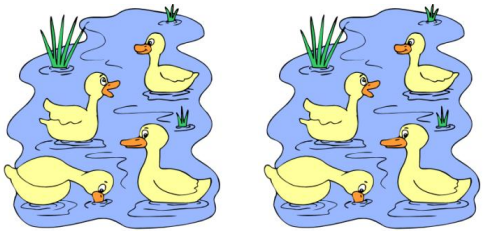
doubles



4 + 4 = 8

In a double, both addends are the same.

doubles



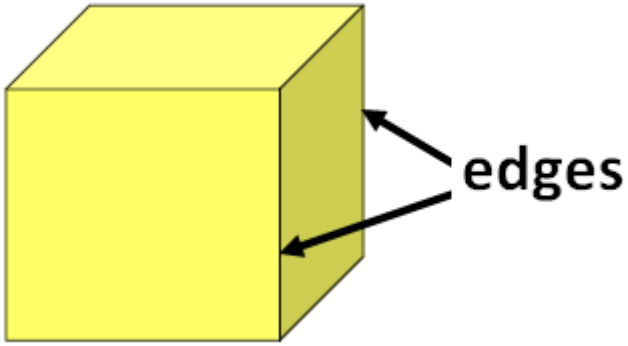
4 + 4 = 8

In a double, both addends are the same

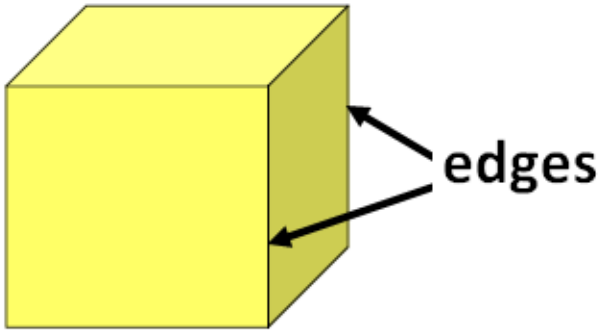
Addition facts with
two addends
that are the same.

edge

edge



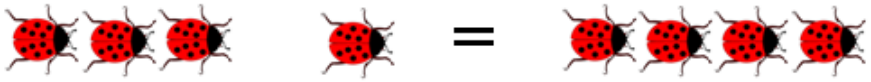
edge



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

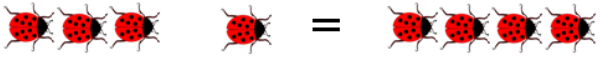
equal

equal



3 + 1 is the same amount as 4

equal

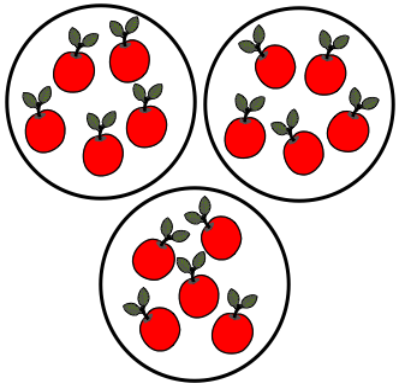


3 + 1 is the same amount as 4

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

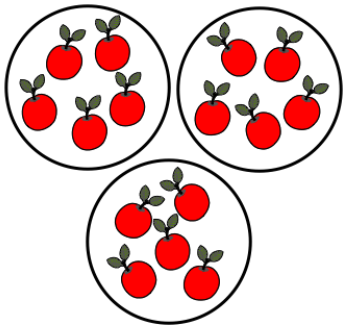
equal groups

equal groups



3 equal groups of 5

equal groups



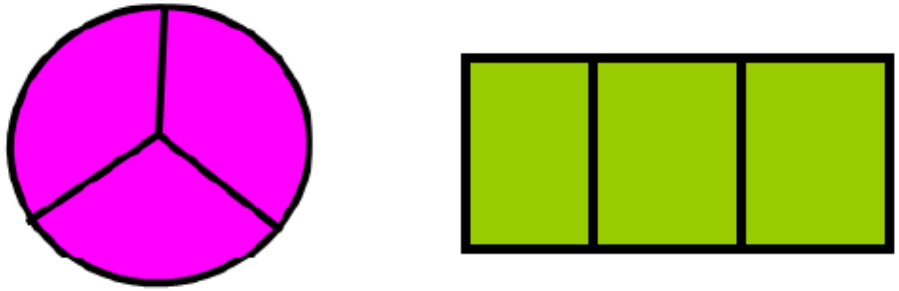
3 equal groups of 5

Groups that have the same number of objects.

equal shares

---

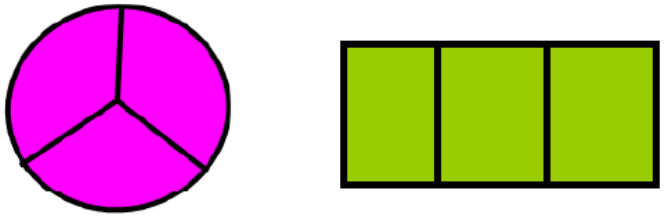
equal shares



3 equal parts

---

equal shares

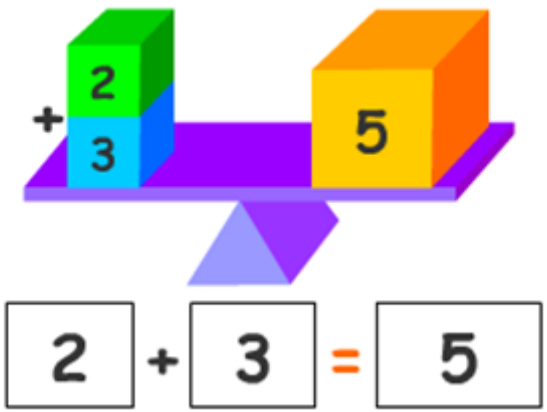


3 equal parts

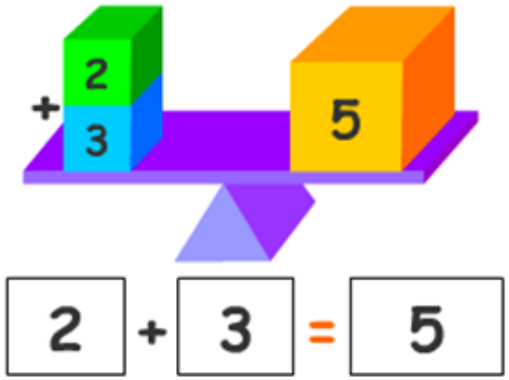
Equal parts of a whole.

equation

equation



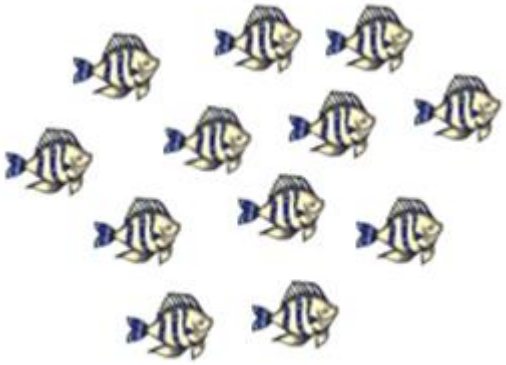
equation



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

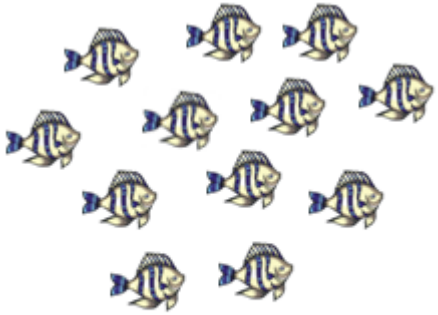
estimate

estimate



***about* 10 fish**

estimate

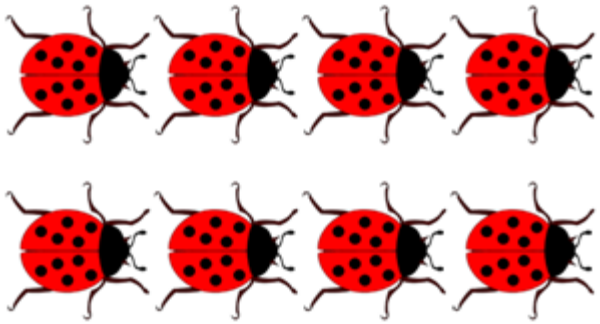


***about* 10 fish**

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

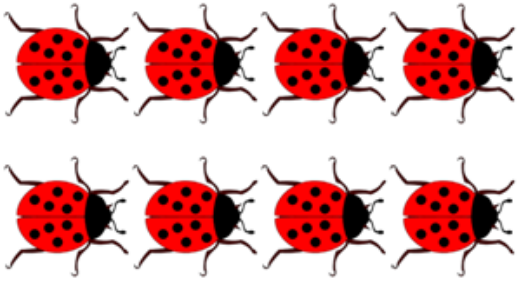
even number

even number



8 is even

even number



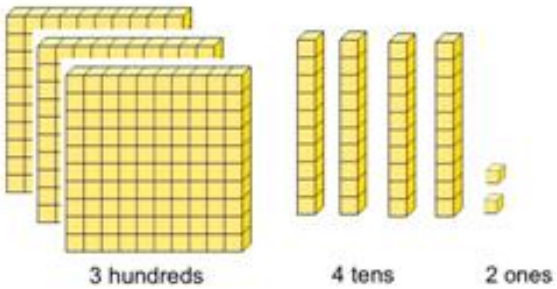
8 is even

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

expanded form

---

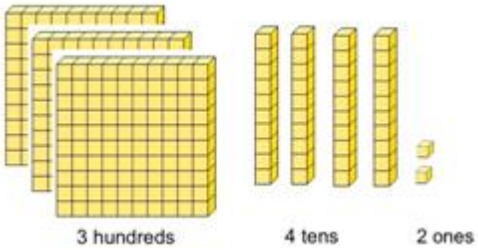
expanded form



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

---

expanded form



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

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

expression

---

expression

$6 + 3 - 1$

no equal sign

---

expression

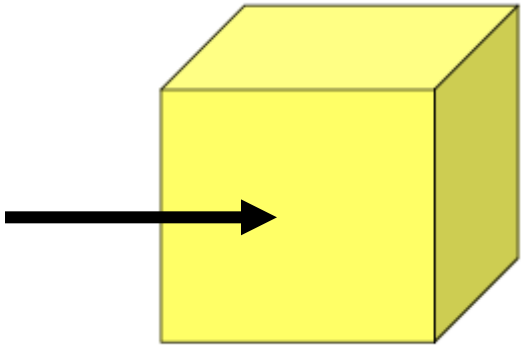
$6 + 3 - 1$

no equal sign

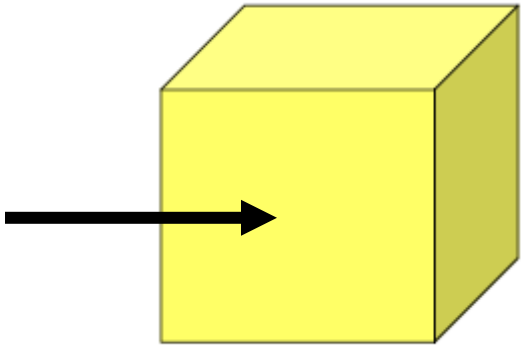
A mathematical phrase without an equal sign.

face

face



face



A flat surface on
a solid figure.

foot (ft)

foot (ft)

12 inches = 1 foot

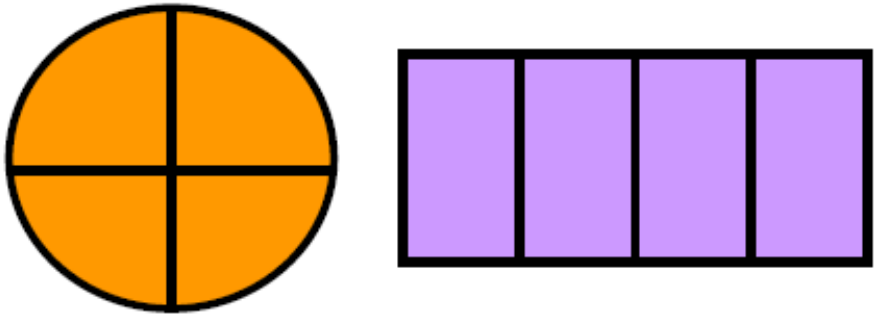
foot (ft)

12 inches = 1 foot

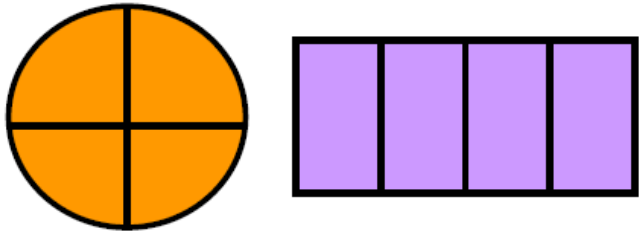
A customary unit of length equal to 12 inches.

fourths

fourths



fourths



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

fraction

fraction

two halves three thirds four fourths

fraction

two halves three thirds four fourths

A way to describe
a part of a whole.

geometric solid

---

geometric solid

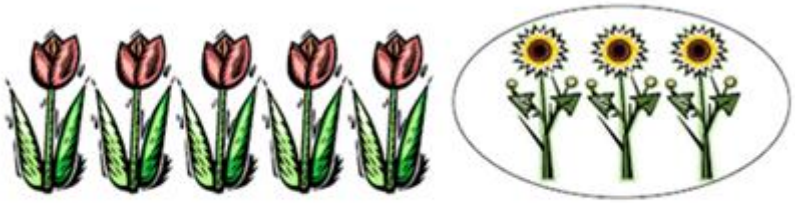
---

geometric solid

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

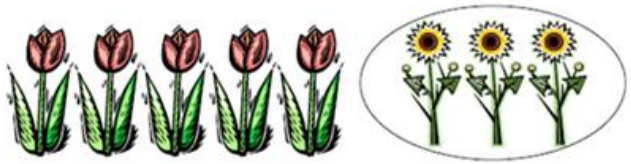
greater than

greater than



5 > 3

greater than

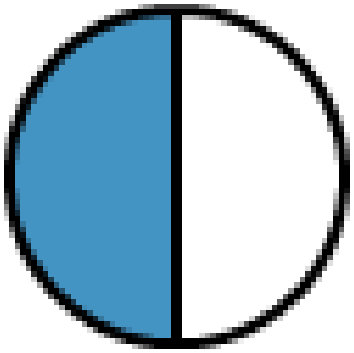


5 > 3

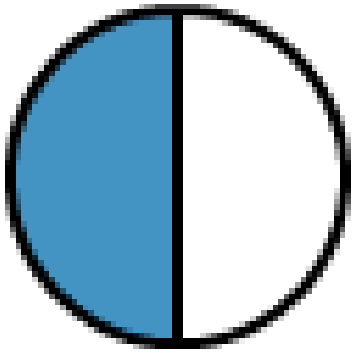
Greater than is used to compare two numbers when the first number is larger than the second number.

half circle

half circle



half circle

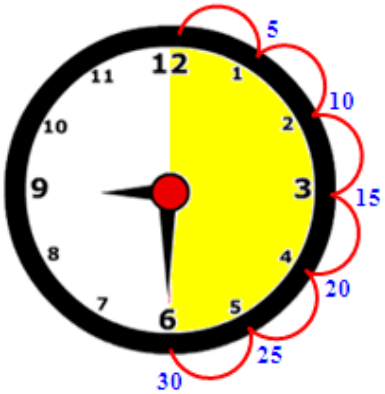


Half of a circle (semi-circle).

half hour

---

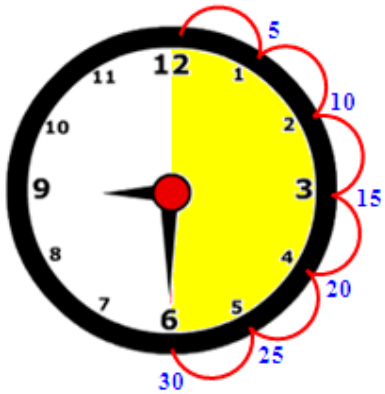
half hour



30 minutes = one half-hour

---

half hour

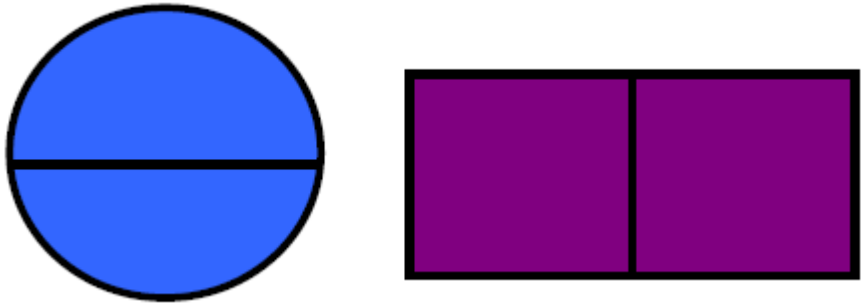


30 minutes = one half-hour

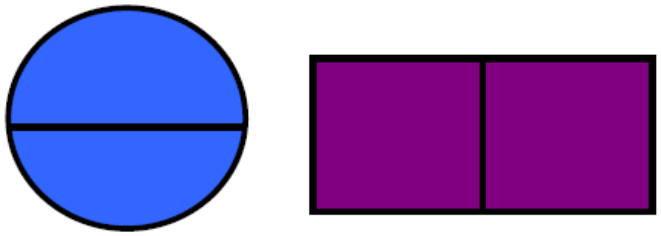
A unit of time equal to 30 minutes.

halves

halves



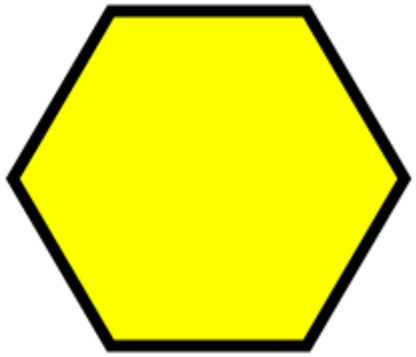
halves



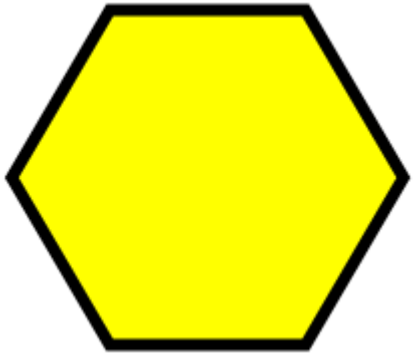
The parts you get when you divide something into 2 equal parts.

hexagon

hexagon



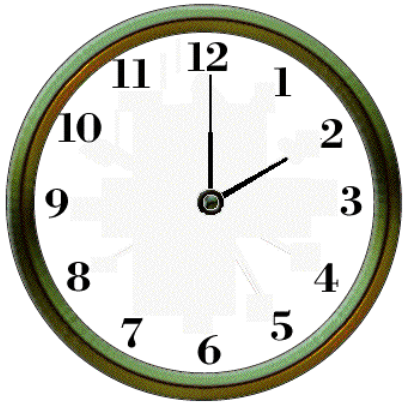
hexagon



A figure with 6 straight sides.

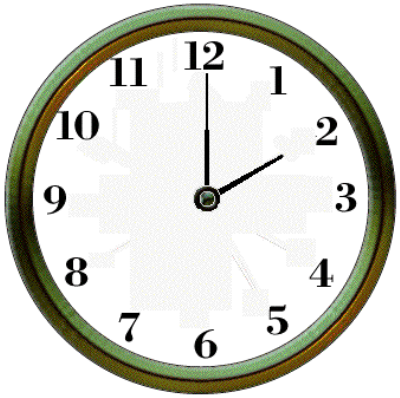
hour (hr)

hour (hr)



60 minutes = 1 hour

hour (hr)

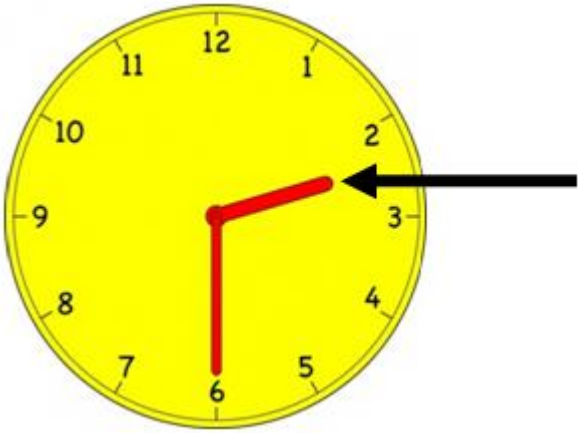


60 minutes = 1 hour

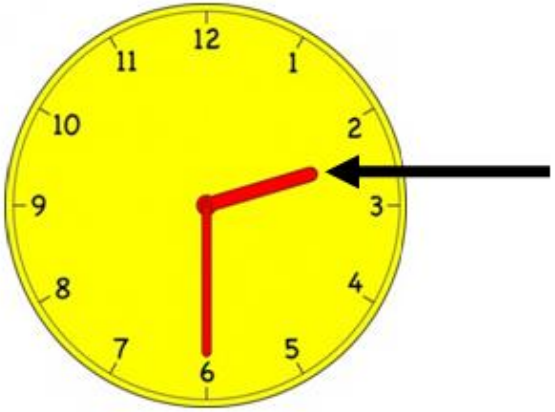
A unit of time equal to 60 minutes.

hour hand

hour hand



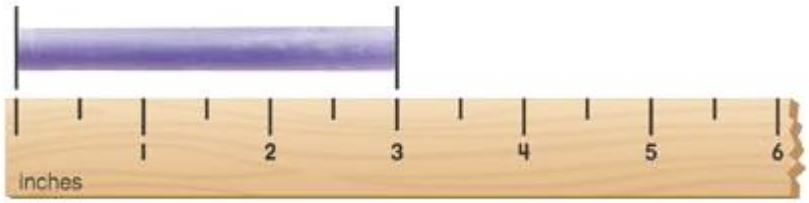
hour hand



A short hand on a clock.

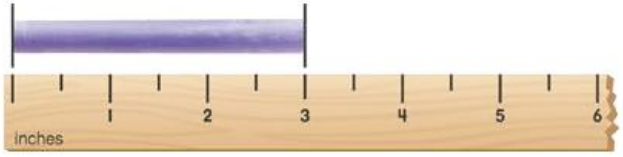
inch (in)

inch (in)



about 3 inches

inch (in)

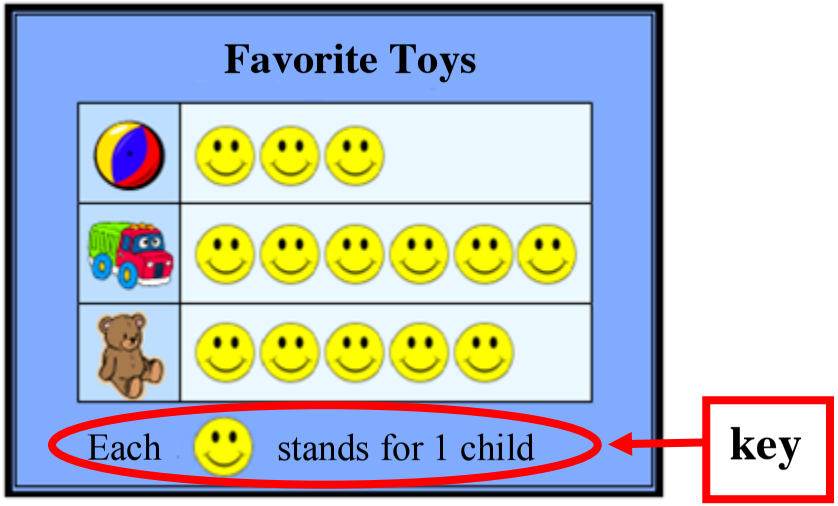


about 3 inches

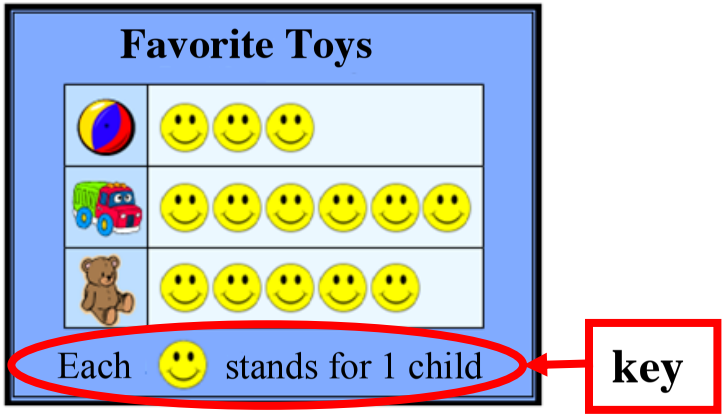
A customary unit of length.
12 inches = 1 foot

key

key



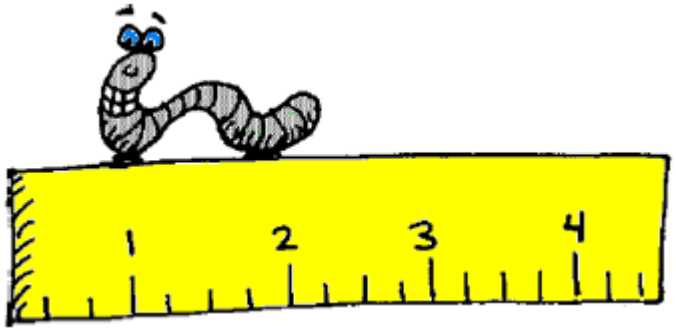
key



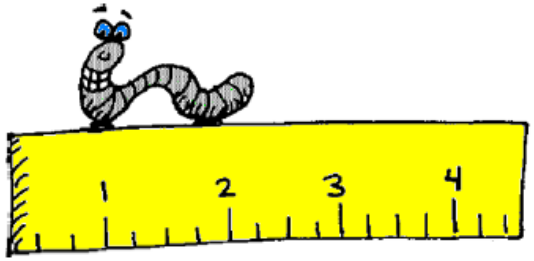
A part on a graph or chart that tells what each picture on a picture graph stands for.

length

length



length



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

less than

less than

3 < 5

less than

3 < 5

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

line

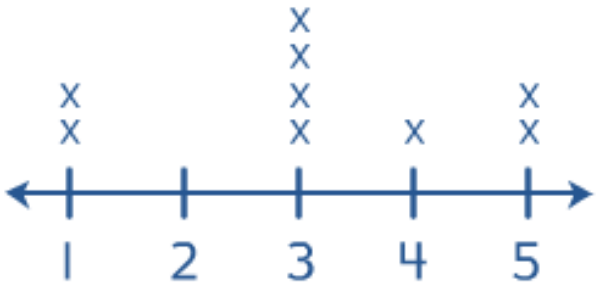
line

line

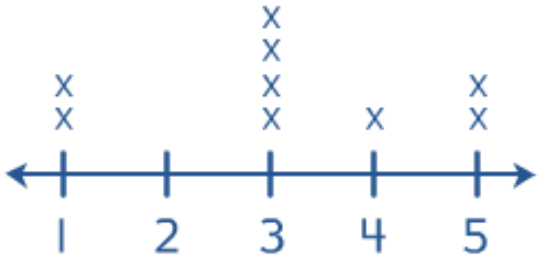
A line is straight. It has no beginning and no end.

line plot

line plot



line plot



A diagram showing data on a number line.