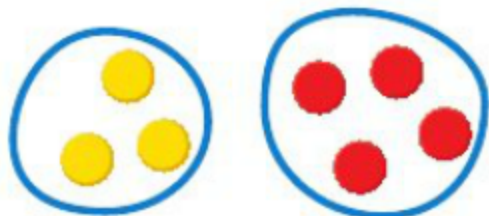
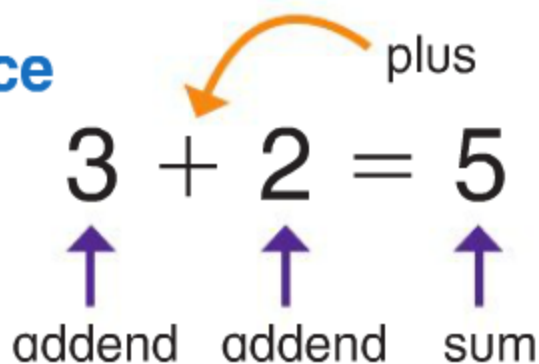


add

When you add, you join groups together.


$$3 + 4 = 7$$

addition sentence

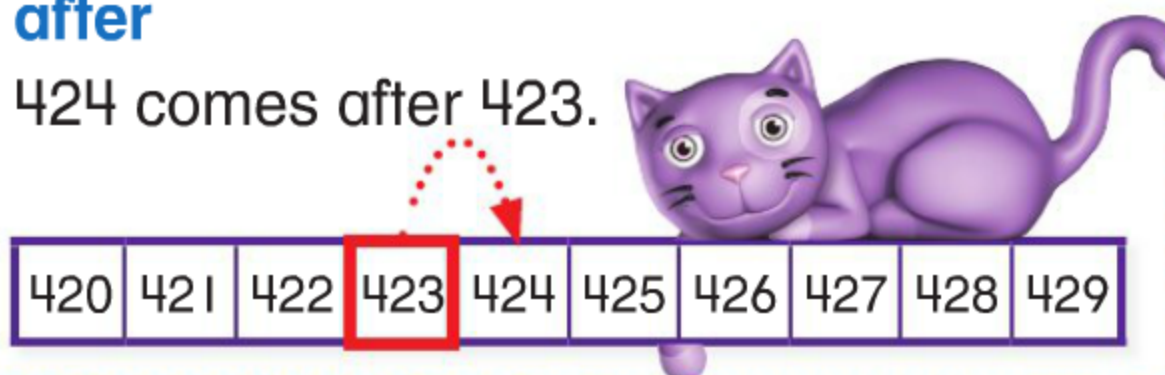

$$3 + 2 = 5$$

plus

addend addend sum

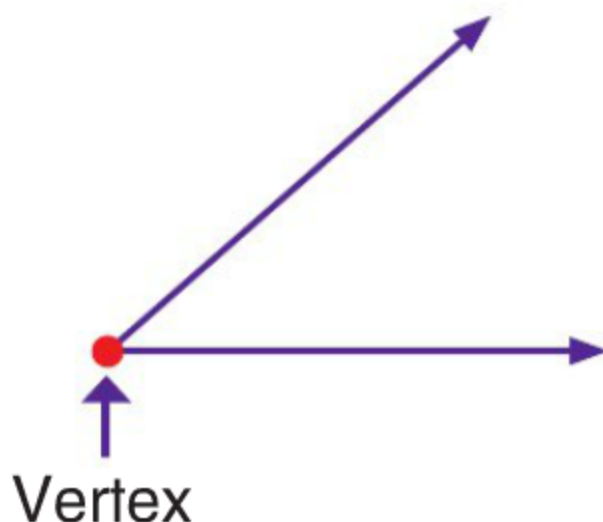
after

424 comes after 423.



angle

An angle is when two lines meet at the vertex.



array

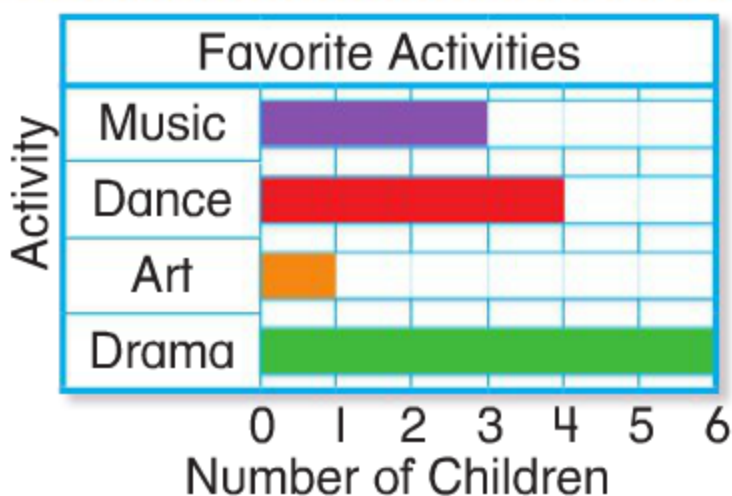
$$3 + 3 + 3 = 9$$

An array shows the same number of things in each row.



bar graph

A bar graph uses bars to show data.



before



421 comes before 422.

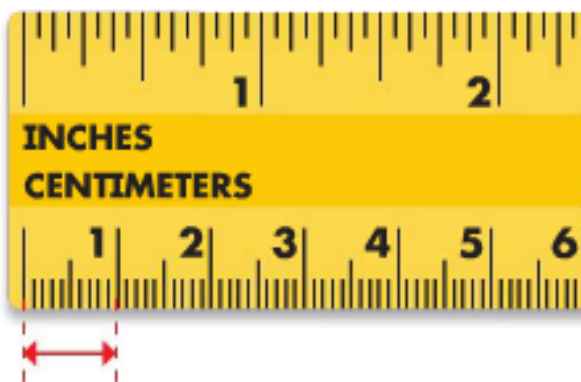
cent



1 cent (¢)

centimeter (cm)

A centimeter is a metric unit used to measure length.



coins



column

1	2	3	4	5
11	12	13	14	15
21	22	23	24	25
31	32	33	34	35

compare

When you compare numbers, you find out if a number is greater than, less than, or equal to another number.

$$147 > 143$$

147 is greater than 143.

data

Data are information you collect.

decimal point

A decimal point separates dollars from cents.

\$1.25

decimal point



digits

Numbers have 1 or more digits.

43 has 2 digits.



dime



10 cents or 10¢

dollar

\$1.00 or 100¢



dollar bill (\$)



dollar coin

dollar sign

The dollar sign is the symbol that is placed before the numbers when you are writing an amount of money.

\$375
↑
dollar sign

doubles

A doubles fact has two addends that are the same.

4 + 4 = 8
↑ ↑
addend addend sum

edge

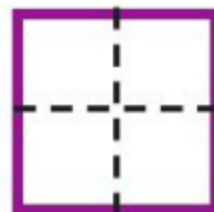
An edge is where two flat surfaces of a solid figure meet.



equal

Equal means to have the same amount, size, number, or value.

All 4 parts are equal.



The two numbers are equal.

$$38 = 38$$

estimate

When you estimate, you make a good guess.

$$38 + 19 \text{ is about } 60.$$



even

An even number can be shown as two equal parts.



8 is even.

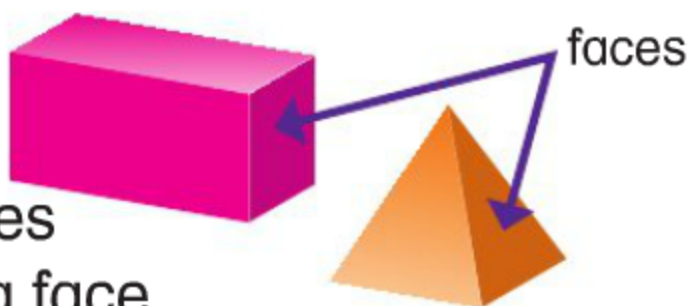
expanded form

Expanded form shows the place value of each digit.

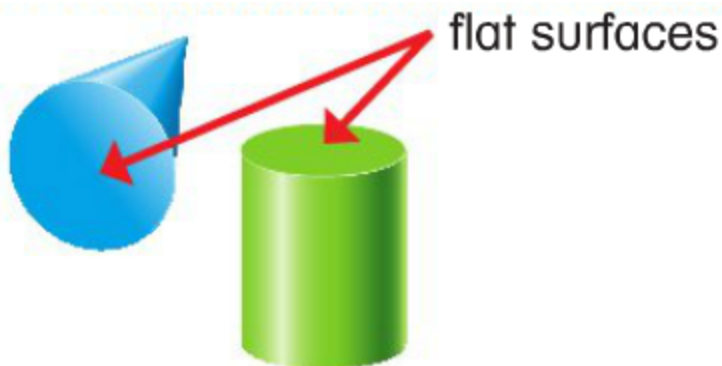
$$400 + 60 + 3 = 463$$

face

The flat surface of a solid that does not roll is called a face.



flat surface



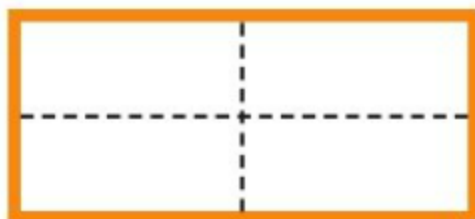
foot (ft)



A foot is 12 inches.

fourths

When 1 whole is separated into 4 equal parts, the parts are called fourths.



greater than

5 is greater than 1.

$$5 > 1$$

greatest value

The coin that has the greatest value is the one that is worth the most.



The quarter has the greatest value.

half dollar



50 cents or 50¢

half past

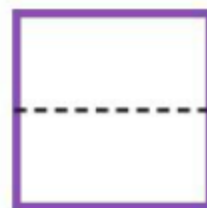
Half past is 30 minutes past the hour.



It is half past 9.

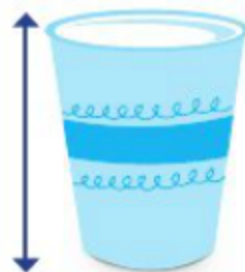
halves

When 1 whole is separated into 2 equal parts, the parts are called halves.



height

Height is how tall something is.



hexagon

A hexagon is a plane shape that has 6 sides.



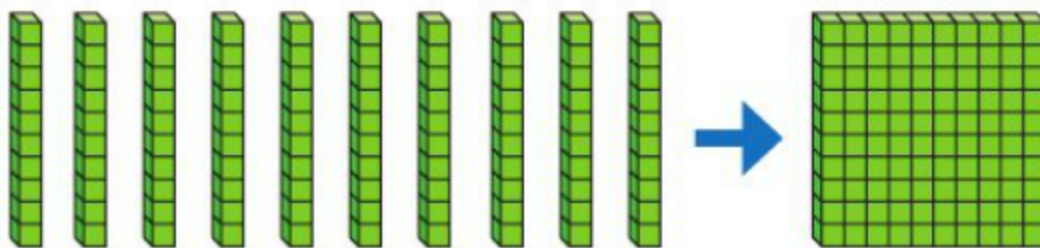
hour

An hour is 60 minutes.



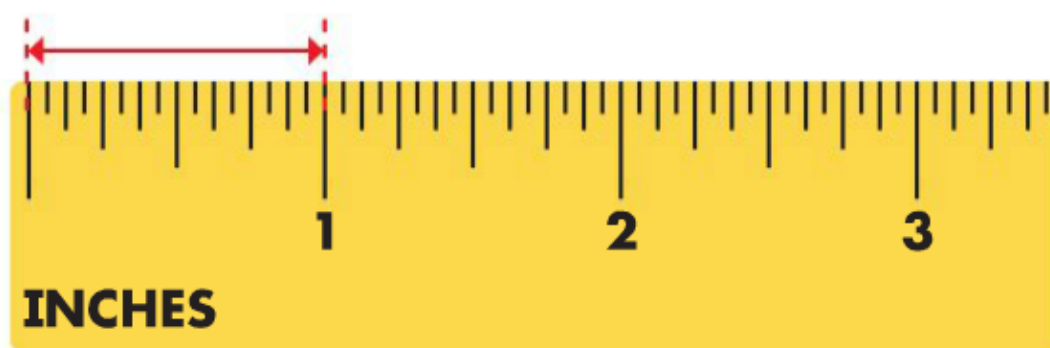
hundred

10 tens make 1 hundred.



inch (in.)

An inch is a standard unit used to measure length.



join

To join means to put together.



3 and 3 is 6 in all.

length

Length is the distance from one end of an object to the other end.



The length is about 1 yard.

less than

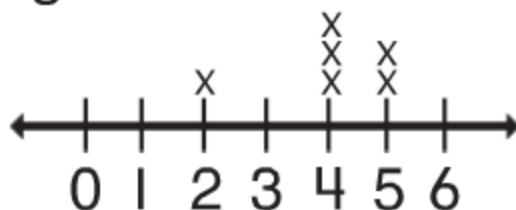
2 is less than 6.

$$2 < 6$$



line plot

A way to organize data on a number line.



mental math

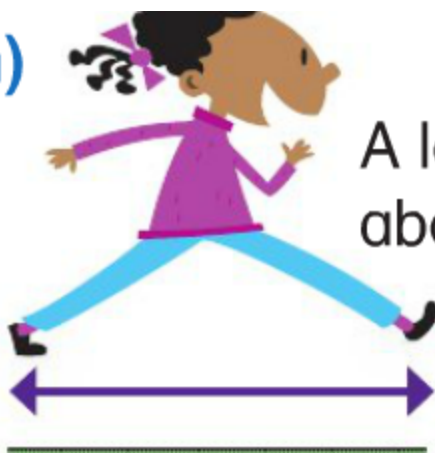
Mental math is math you do in your head.

$$23 + 20 = 43$$

Start at 23.
Count on
33, 43.



meter (m)



A long step is about a meter.

minute

There are 60 minutes in 1 hour.

near doubles

An addition fact with near doubles has an addend that is one more than the other addend.

$$4 + 5 = 9$$



addend



addend



nickel



5 cents or 5¢

number line

A number line is a line that shows numbers in order from left to right.



number sentence

A number sentence has an operation symbol (+ or −) and an equal sign (=).

$$3 + 2 = 5$$

This is a horizontal number sentence.

$$\begin{array}{r} 9 \\ - 2 \\ \hline 7 \end{array}$$

This is a vertical number sentence.

number word

A number word uses words.

The number word for 23 is **twenty-three**.

odd

An odd number cannot be divided into two equal parts.



9 is odd.

order

Numbers can be put in counting order from least to greatest or from greatest to least.



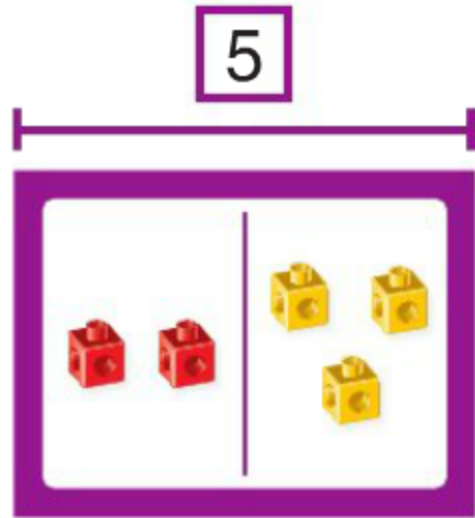
parallelogram

A parallelogram is a plane shape that has 4 sides. The opposite sides are parallel.



part

A part is a piece of a whole.



2 and 3 are
parts of 5.

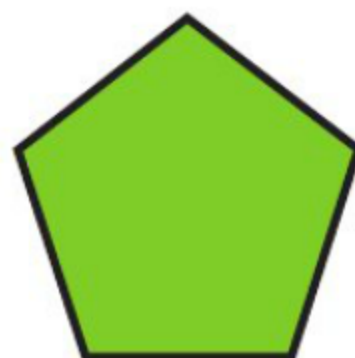
penny



1 cent or 1¢

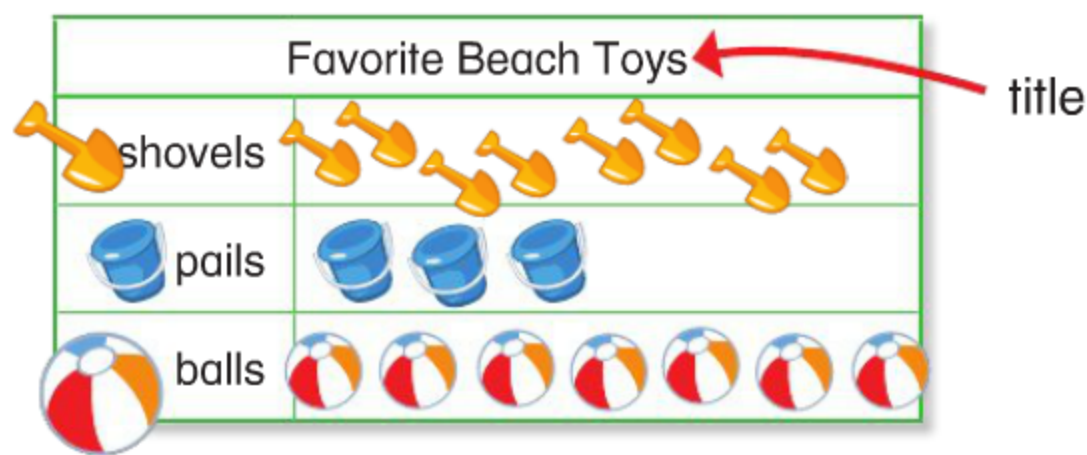
pentagon

A pentagon is a plane shape with five sides, 5 vertices, and five angles.



pictograph

A pictograph uses pictures to show data.



plane shape

A plane shape is a flat shape.



circle



rectangle



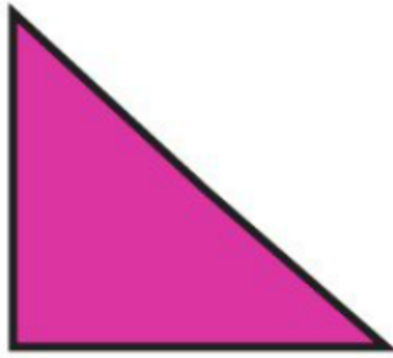
square



triangle

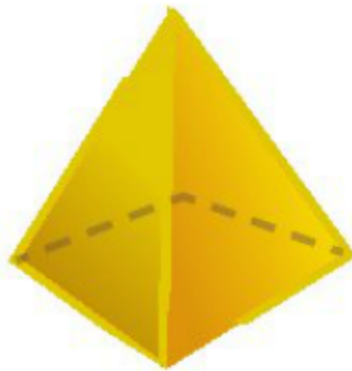
polygon

A polygon is a plane shape with 3 or more sides.



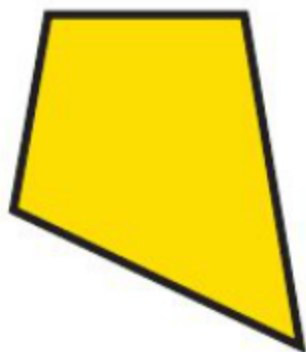
pyramid

A pyramid is a solid figure.



quadrilateral

A quadrilateral is a polygon with four sides.



quarter



25 cents or 25¢

quarter past

15 minutes after the hour.



It is quarter past 4.

quarter to

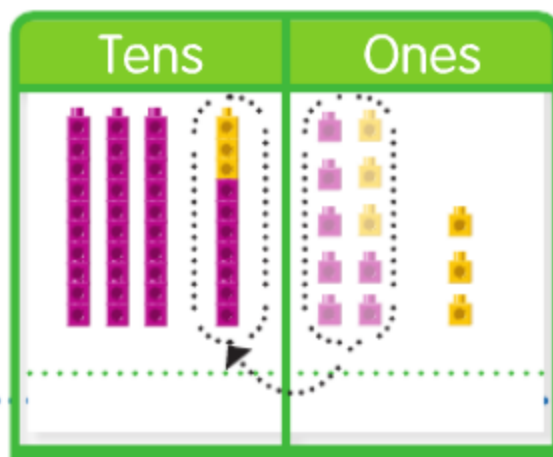
15 minutes before the hour.



It is quarter to 4.

regroup

10 ones can be regrouped to make 1 ten.



related

Addition facts and subtraction facts are related if they have the same numbers.

$$2 + 3 = 5$$

$$5 - 2 = 3$$

row

1	2	3	4	5
11	12	13	14	15
21	22	23	24	25
31	32	33	34	35

separate

To separate can mean to subtract, or to take something apart into two or more parts.

$$5 - 2 = 3$$

side

A side is a line segment that makes one part of a plane shape.



solid figures

Solid figures have length, width, and height.



These are all solid figures.

standard form

The standard form is a way to write a number using only digits.

436

subtract

When you subtract, you find out how many are left or which group has more.

$$5 - 3 = 2$$

subtraction sentence

$$12 - 4 = 8$$

difference

minus

tally mark

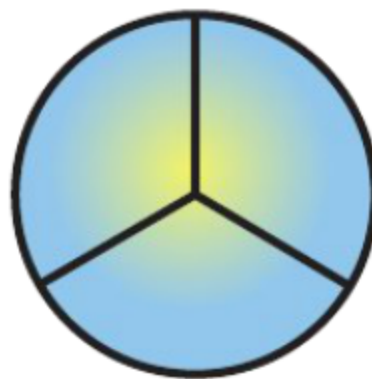
We use tally marks to keep track of information on an organized list.

Ways to Show 30¢			
Quarter	Dime	Nickel	Total
I		I	30¢
	III		30¢
	II	II	30¢
	I	IIII	30¢
		HHH I	30¢



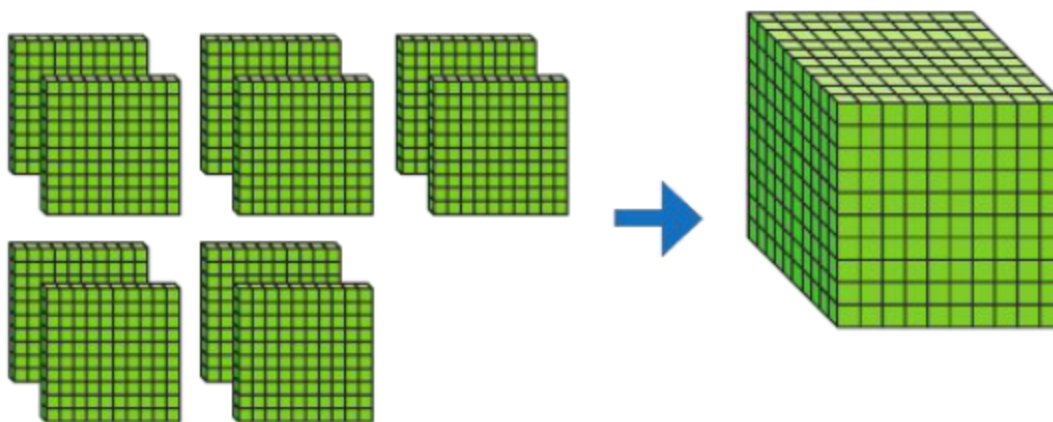
thirds

When 1 whole is separated into 3 equal parts, the parts are called thirds.



thousand

10 hundreds make 1 thousand.



trapezoid

A trapezoid is a plane shape with 4 sides, 4 angles, and 4 vertices.



unequal

Unequal parts are parts that are not equal.

5 unequal parts



unit

An inch is a unit that can be used to measure the length of an object.

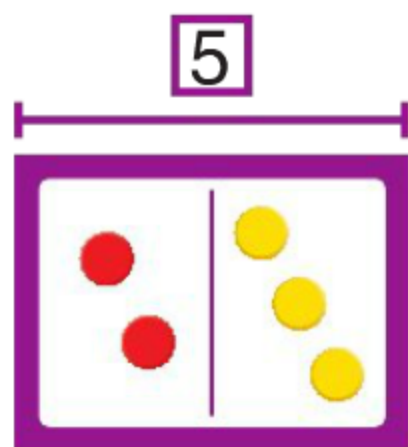
vertex

A vertex is a point where 2 sides or 3 or more edges meet. A cone also has a vertex.



whole

You add parts to find the whole.



width

Width is the distance across an object.



yard

A baseball bat is about a yard long.

