English 3rd Grade M-Z
Vocabulary Cards and Word Walls

Revised: 1/13/14

Please scroll down to the next page to begin viewing visual representations and definitions for vocabulary used in third grade math classrooms.

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Bibliography of Definition Sources:

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mass

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mass



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mass



The amount of matter in an object. Usually measured by comparing with an object of known mass. While gravity influences weight, it does not affect mass.

meter (m)

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meter (m)



A baseball bat is *about* 1 meter long.

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meter (m)

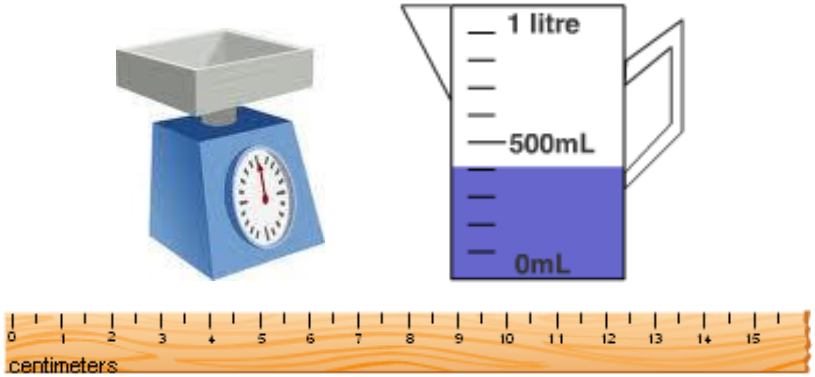


A standard unit of length in the metric system.

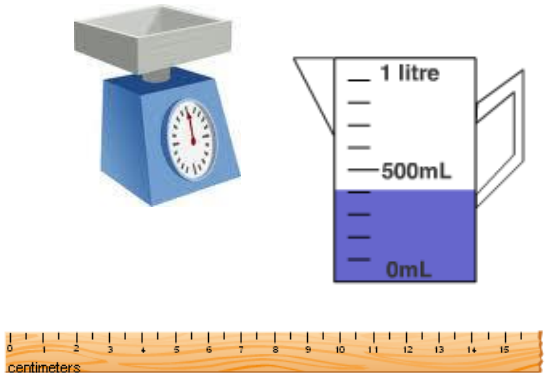
A baseball bat is *about* 1 meter long.

metric system

metric system



metric system



A system of measurement based on tens. The basic unit of capacity is the liter. The basic unit of length is the meter. The basic unit of mass is the gram.

midnight

midnight



midnight



12:00 at night.

minute (min)

minute (min)



minute (min)



A unit used to measure short amounts of time; there are 60 minutes in one hour.

multiple

multiple

Multiples of 

3, 6, 9, 12, 15, 18, 21 …

multiple

Multiples of 

3, 6, 9, 12, 15, 18, 21 …

The product of a whole number and any other whole number.

Multiplicative Identity Property of 1

Multiplicative Identity Property of 1



1 group of 3 = 3
1 × 3 = 3

Multiplicative Identity Property of 1

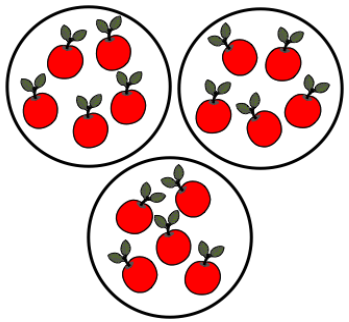


1 group of 3 = 3
1 × 3 = 3

Multiplying a factor by one gives a product identical to the given factor.

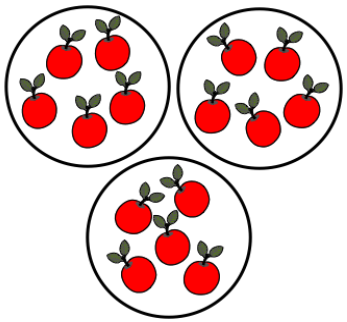
multiply

multiply



$3 \times 5 = 5 + 5 + 5$

multiply



$3 \times 5 = 5 + 5 + 5$

The operation of repeated addition of the same number.

noon

noon



noon



12:00 in the day.

number line

number line



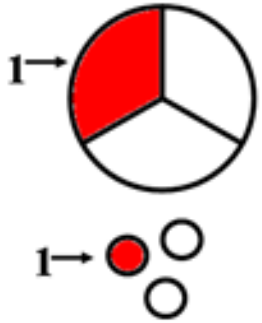
number line



A diagram that represents numbers as points on a line.

numerator

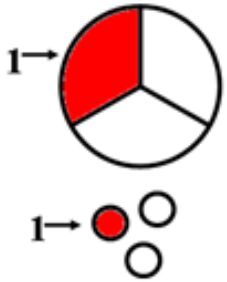
numerator



$\frac{1}{3}$

- Equal parts described in fraction
- Equal parts in the whole

numerator



$\frac{1}{3}$

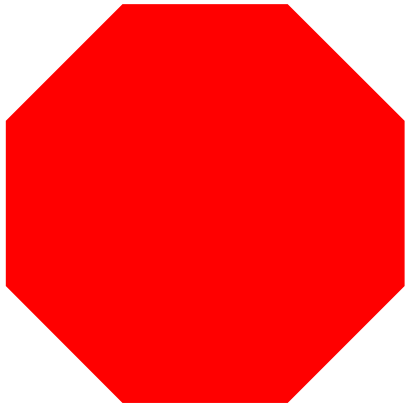
- Equal parts described in fraction
- Equal parts in the whole

The number written above the line in a fraction. It tells how many equal parts are described in the fraction.

octagon

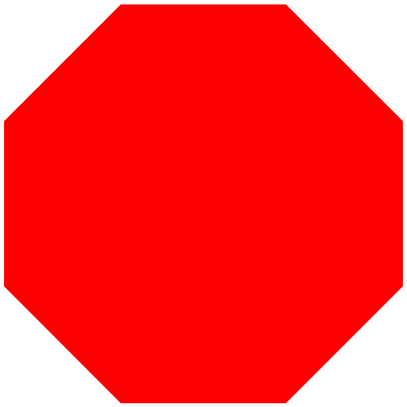
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octagon



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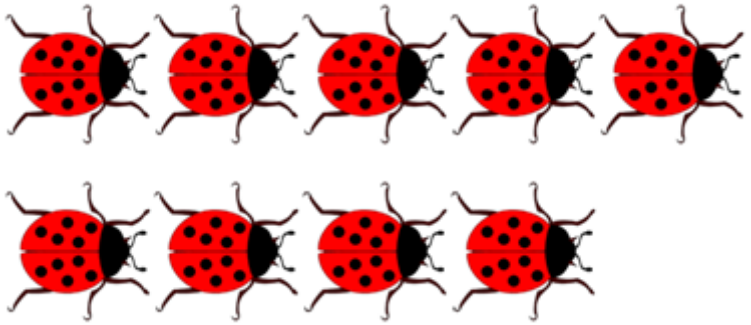
octagon



A polygon with
8 sides.

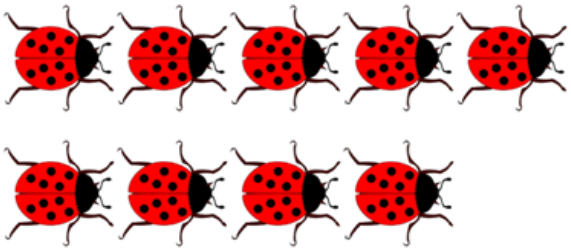
odd number

odd number



9 is odd.

odd number

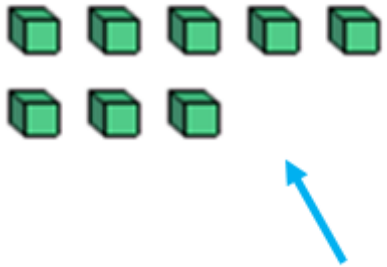


9 is odd.

An odd number
cannot be shown
as two equal parts.
An odd number has
1, 3, 5, 7, or 9
in the ones place.

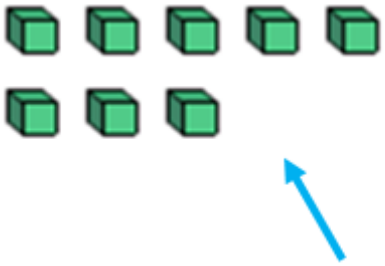
ones

ones



8 ones

ones

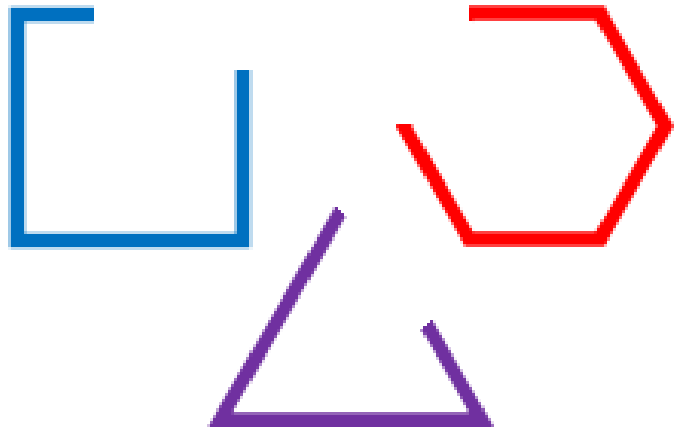


8 ones

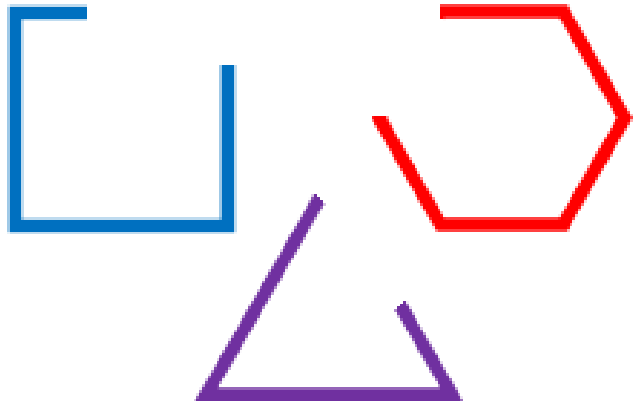
A single unit or object.

open shape

open shape



open shape



A figure that does not begin and end at the same point.

order

---

order

$\frac{2}{8}$ $\frac{2}{6}$ $\frac{2}{4}$

In order from least to greatest.

---

order

$\frac{2}{8}$ $\frac{2}{6}$ $\frac{2}{4}$

A sequence or arrangement of things. To order fractions, compare two fractions at a time.

In order from least to greatest.

Order of Operations

Order of Operations

Order of Operations

1. **Do operations in parentheses.**
2. **Multiply and divide in order from left to right.**
3. **Add and subtract in order from left to right.**

Order of Operations

Order of Operations

1. **Do operations in parentheses.**
2. **Multiply and divide in order from left to right.**
3. **Add and subtract in order from left to right.**

A set of rules that tells the order in which to compute.

p.m.

p.m.



12:00 P.M.
noon

3:30 P.M.
half past 3

7:45 P.M.
a quarter to 8

12:00 A.M.
midnight

p.m.



12:00 P.M.
noon

3:30 P.M.
half past 3

7:45 P.M.
a quarter to 8

12:00 A.M.
midnight

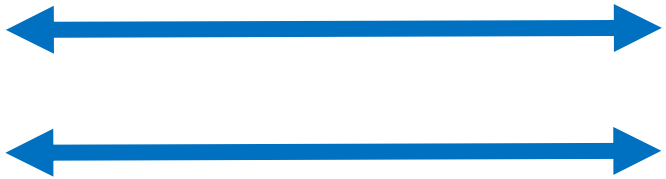
The time between 12:00 noon and 12:00 midnight.

parallel lines

parallel lines



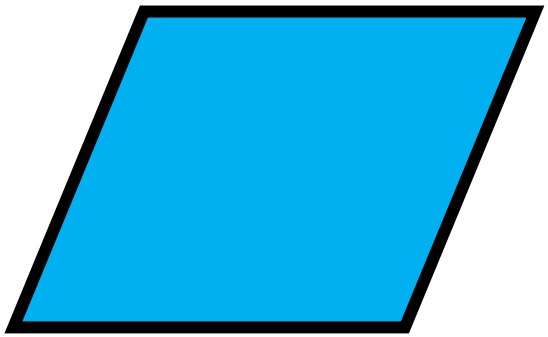
parallel lines



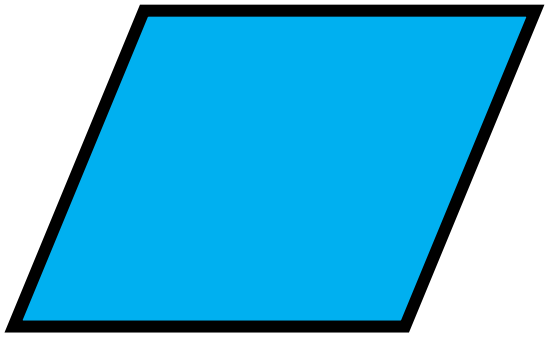
Lines that are always the same distance apart.

parallelogram

parallelogram



parallelogram



A quadrilateral with 2 pairs of parallel and congruent sides.

parentheses

parentheses

$(2 + 3) \times 4$

5×4

20

parentheses

$(2 + 3) \times 4$

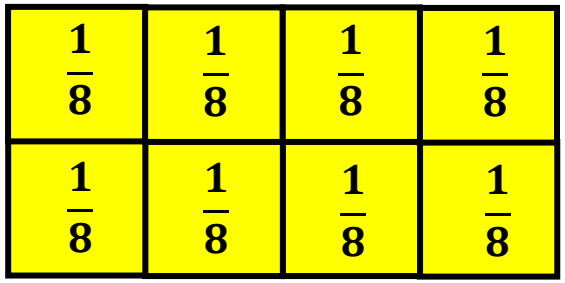
5×4

20

Used in mathematics as grouping symbols for operations. When simplifying an expression, the operations within the parentheses are performed first.

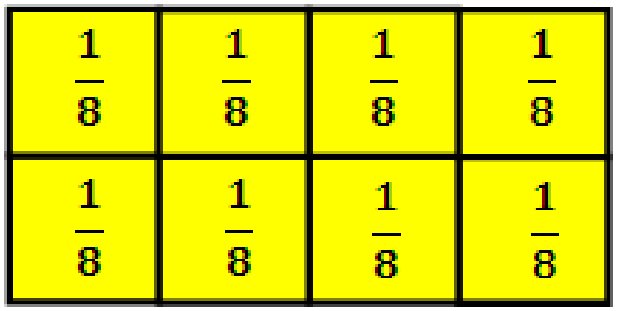
partition

partition



eight $\frac{1}{8}$ equal parts

partition



eight $\frac{1}{8}$ equal parts

An action to divide shapes into smaller parts.

partitive division

(sharing division)

---

partitive division

(sharing division)



Justin has 12 balloons. He wants to share them evenly among 3 friends. How many balloons should he give each friend? 12 ÷ 3 = 4

---

partitive division

(sharing division)



Justin has 12 balloons. He wants to share them evenly among 3 friends. How many balloons should he give each friend? 12 ÷ 3 = 4

A division problem where the number of objects in each group is unknown. *How many in each group?*

pattern

---

pattern

$1 \underset{+4}{_} \quad 5 \underset{+4}{_} \quad 9 \underset{+4}{_} \quad 13$

The pattern is all odd numbers.
It follows the rule "add 4."

---

pattern

$1 \underset{+4}{_} \quad 5 \underset{+4}{_} \quad 9 \underset{+4}{_} \quad 13$

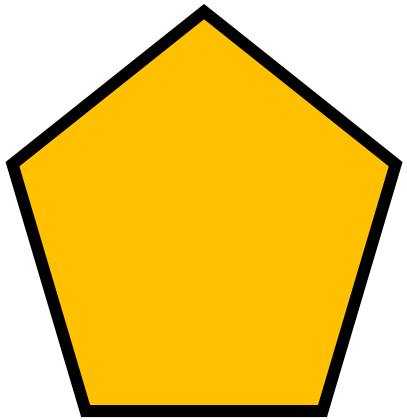
The pattern is all odd numbers.
It follows the rule "add 4."

A repeating or growing sequence. An ordered set of numbers arranged according to a rule.

pentagon

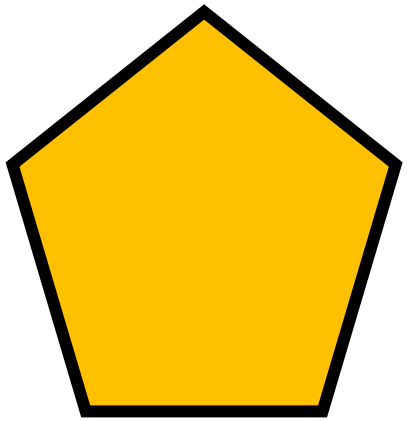
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pentagon



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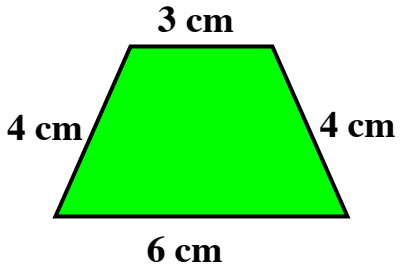
pentagon



A polygon with 5 sides.

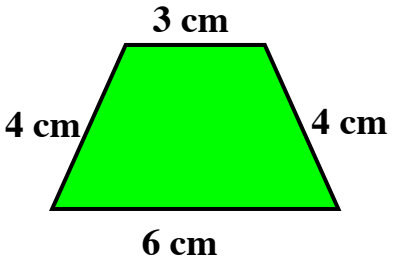
perimeter

perimeter



Perimeter = 4 cm + 6 cm + 4 cm + 3 cm
= 17 cm

perimeter

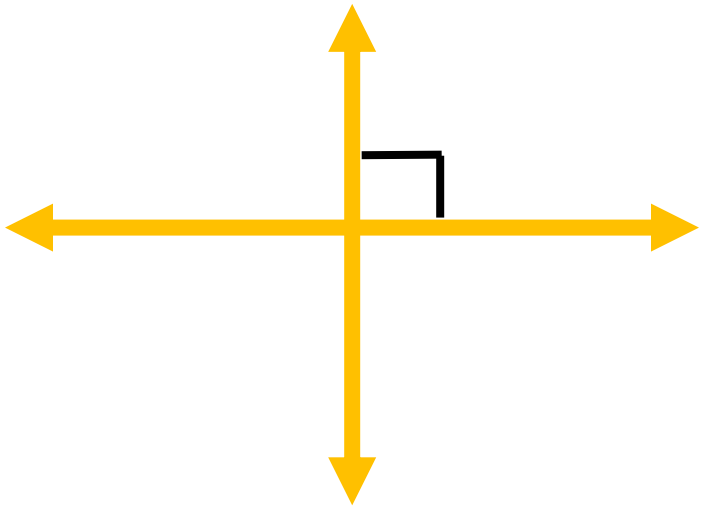


The distance around a figure.

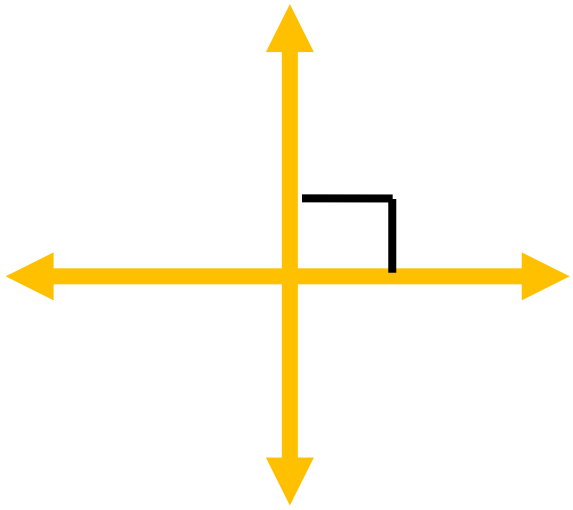
Perimeter = 4 cm + 6 cm + 4 cm + 3 cm
= 17 cm

perpendicular lines

perpendicular lines



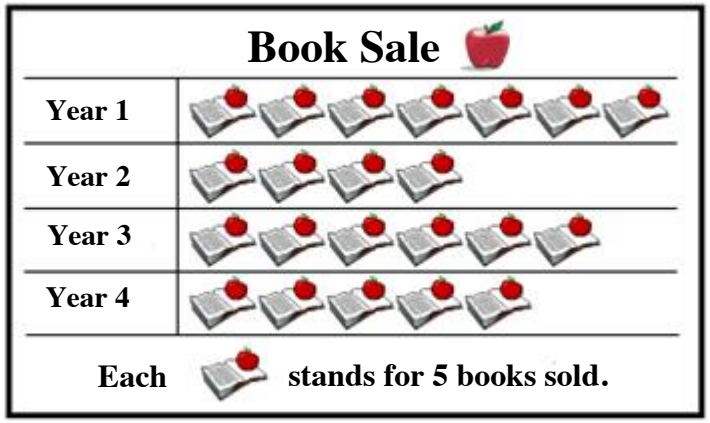
perpendicular lines



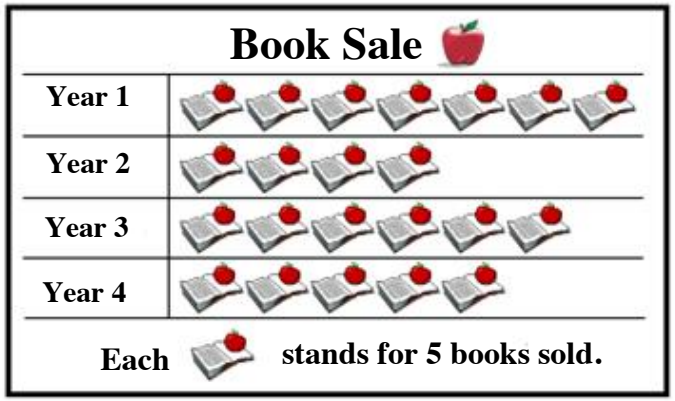
Two intersecting lines that form right angles.

picture graph

picture graph



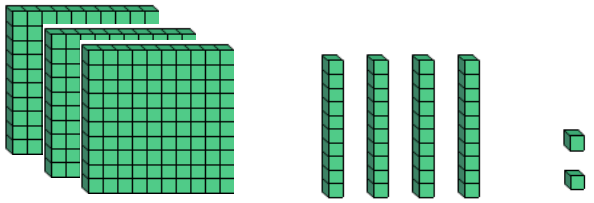
picture graph



A graph that uses pictures or symbols to show data.

place value

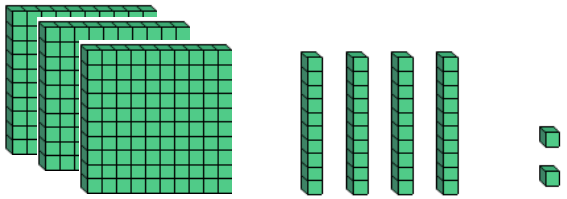
place value



Hundreds	Tens	Ones
3	4	2

300 + 40 + 2

place value



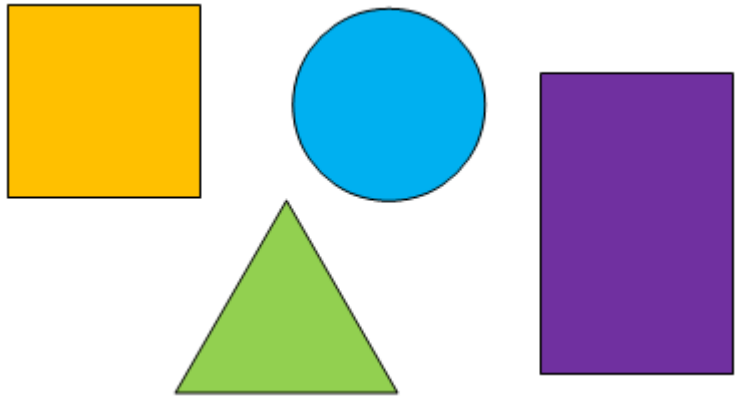
Hundreds	Tens	Ones
3	4	2

300 + 40 + 2

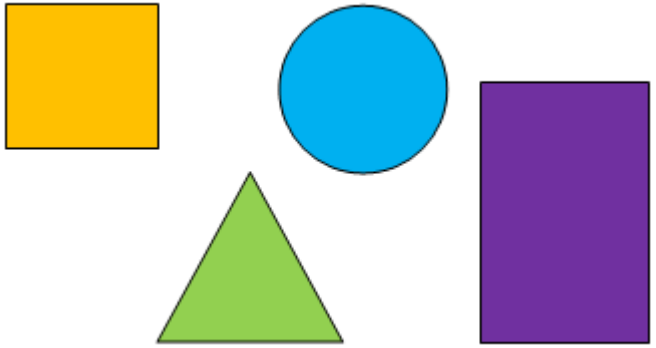
The value a digit has because of its place in a number.

plane shape

plane shape



plane shape



A shape that is two-dimensional and is formed by curves, line segments, or both.

point

point



point

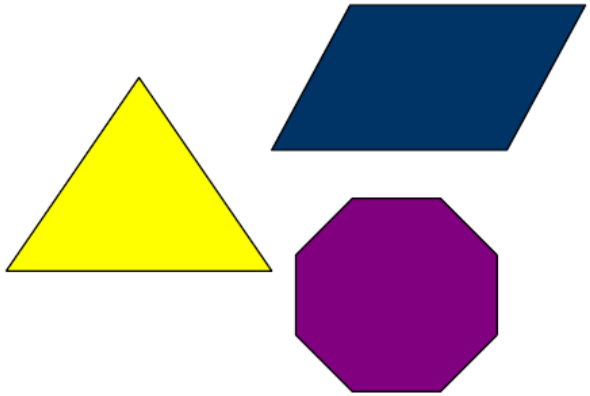


The exact location in space represented by a dot.

polygon

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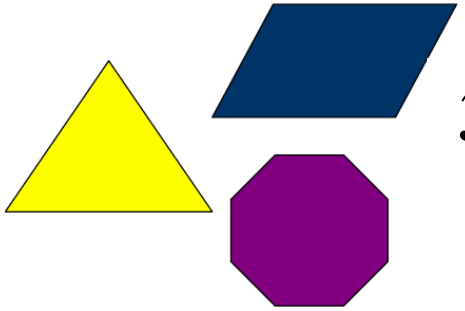
polygon



3 + sides

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polygon



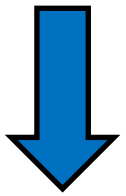
3 + sides

A closed plane shape made by line segments.

product

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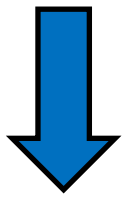
product



$5 \times 3 = 15$

---

product



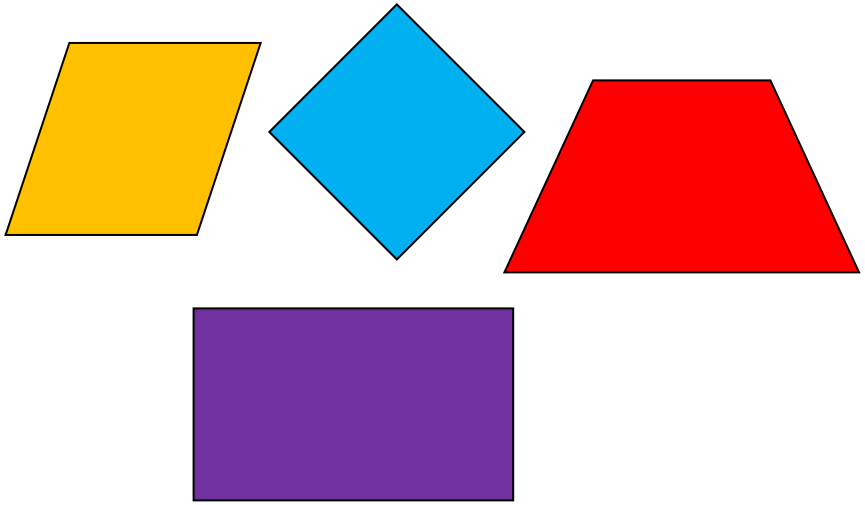
$5 \times 3 = 15$

The answer to a multiplication problem.

quadrilateral

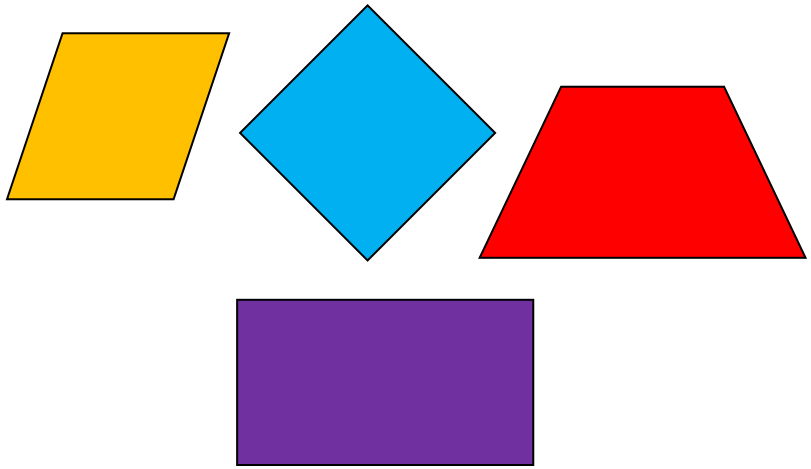
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quadrilateral



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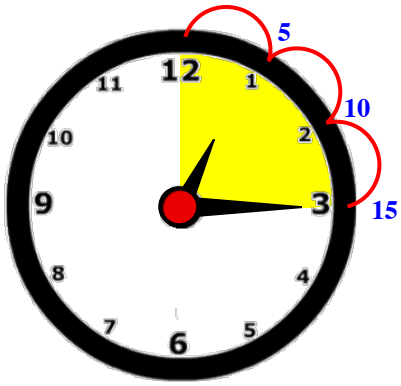
quadrilateral



A polygon with 4 sides.

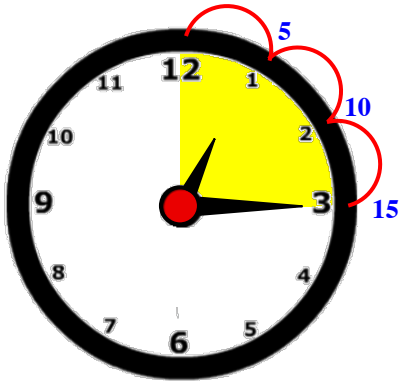
quarter hour

quarter hour



15 minutes = 1 quarter hour

quarter hour



15 minutes = 1 quarter hour

A unit of time worth 15 minutes.

quotative division

(measurement division)

---

quotative division

(measurement division)



Justin has 12 balloons. If he gives 3 balloons to each friend, how many friends will get balloons? 12 ÷ 3 = 4

---

quotative division

(measurement division)

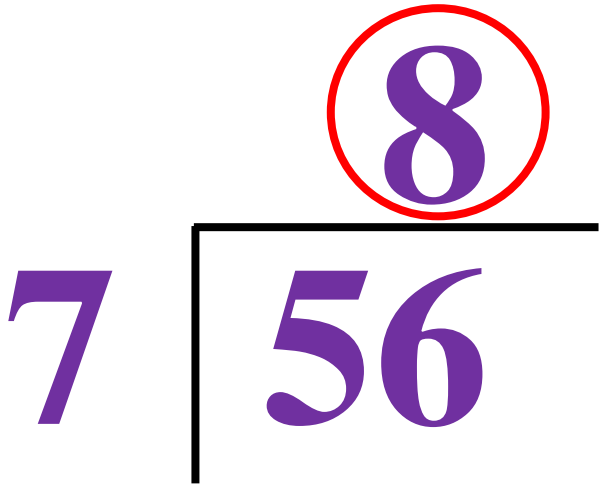


Justin has 12 balloons. If he gives 3 balloons to each friend, how many friends will get balloons? 12 ÷ 3 = 4

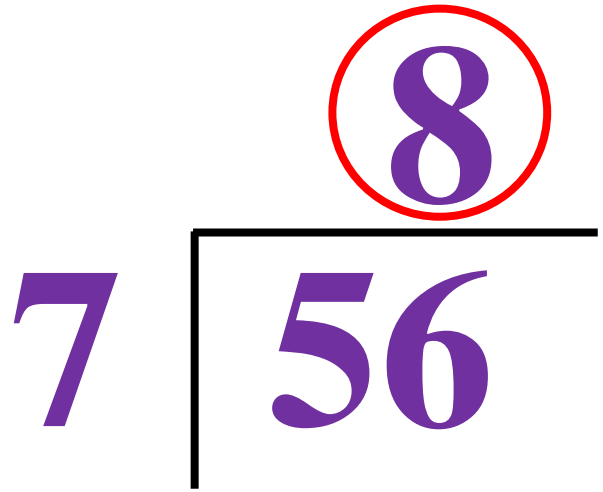
A division problem where the number of groups is unknown. *How many groups?*

quotient

quotient



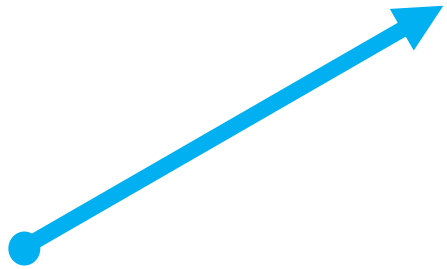
quotient



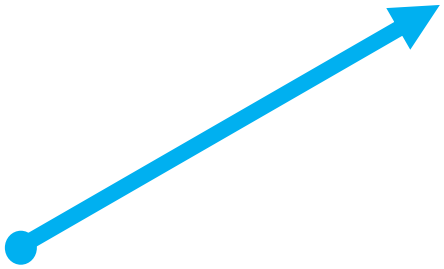
The answer to a division problem.

ray

ray



ray



A part of a line that
has one endpoint and
goes on forever
in one direction.

reasonableness

reasonableness

What is the product of 5 × 8?

A. 12 C. 40

B. 13 D. 58



I know that 5 times any number has a 0 or 5 digit in the ones place.

So, C is the only answer that makes sense.

reasonableness

What is the product of 5 × 8?

A. 12 C. 40

B. 13 D. 58



I know that 5 times any number has a 0 or 5 digit in the ones place.

So, C is the only answer that makes sense.

An answer that is based on good number sense.

rectangle

rectangle



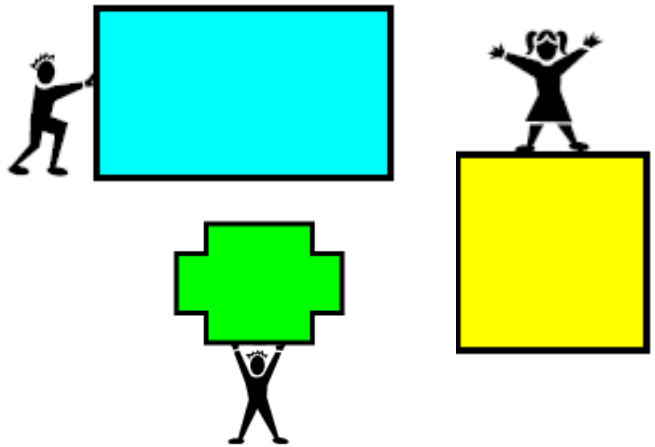
rectangle



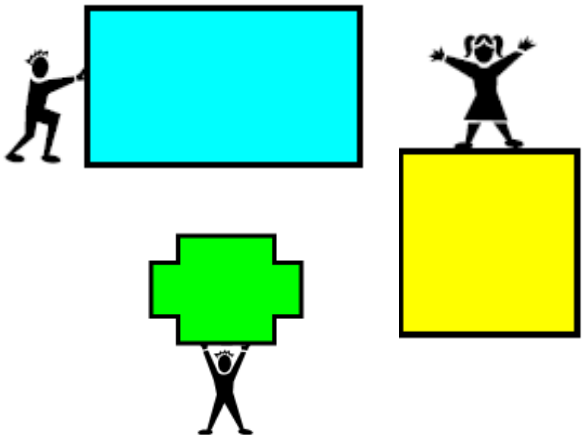
A quadrilateral with 2 pairs of equal, parallel sides and 4 right angles.

rectilinear figure

rectilinear figure



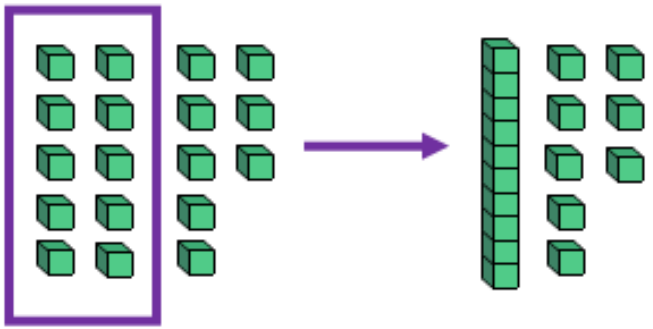
rectilinear figure



A polygon where all angles are right angles.

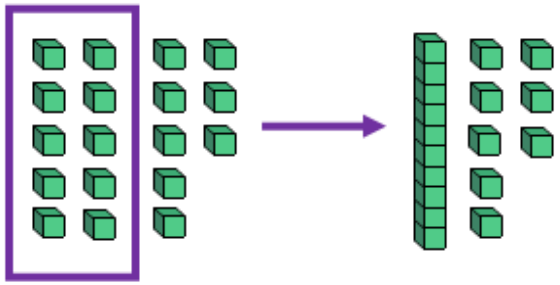
regroup

regroup



Regroup 18 ones as 1 ten and 8 ones.

regroup



To rearrange the formation of a group.

Regroup 18 ones as 1 ten and 8 ones.

related facts

related facts

Related Facts for 3, 5, 8

3 + 5 = 8	8 – 5 = 3
5 + 3 = 8	8 – 3 = 5

related facts

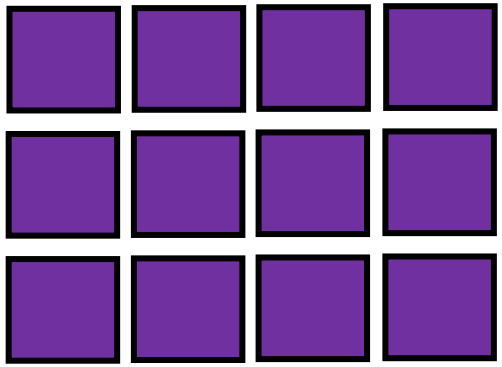
Related Facts for 3, 5, 8

3 + 5 = 8	8 – 5 = 3
5 + 3 = 8	8 – 3 = 5

Related addition and subtraction facts or related multiplication and division facts. (also known as fact family)

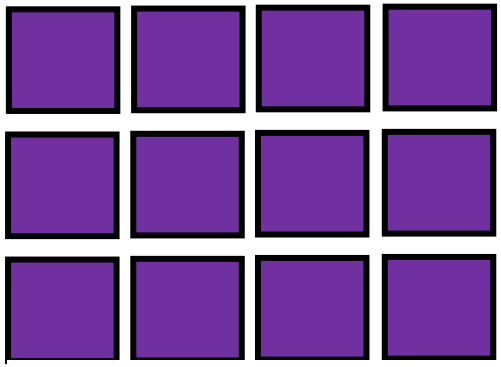
repeated addition

repeated addition



4 + 4 + 4 = 12

repeated addition



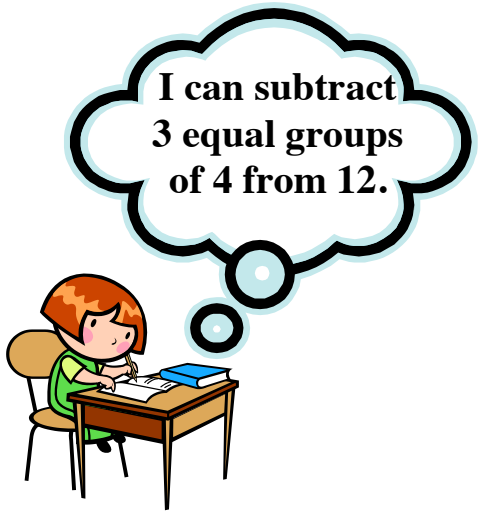
4 + 4 + 4 = 12

Adding equal groups of objects to find the total amount of objects.

repeated subtraction

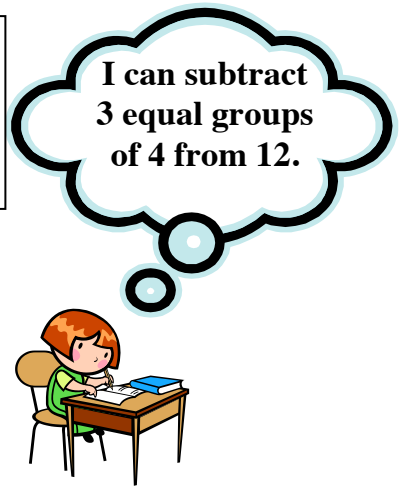
repeated subtraction

$12 - 4 = 8$
$8 - 4 = 4$
$4 - 4 = 0$



repeated subtraction

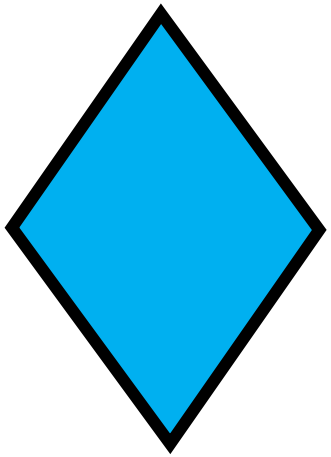
$12 - 4 = 8$
$8 - 4 = 4$
$4 - 4 = 0$



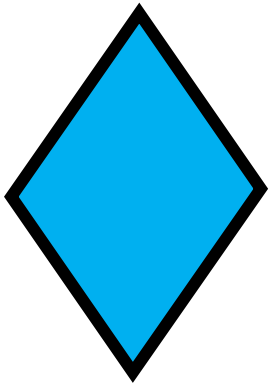
Subtracting equal groups to find the total amount of groups.

rhombus

rhombus



rhombus

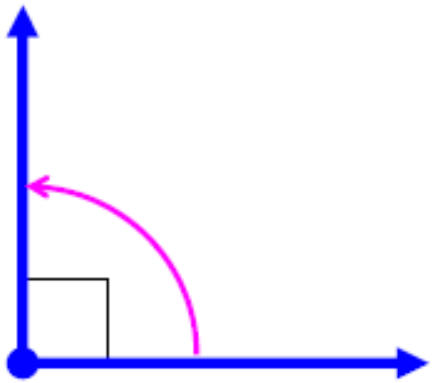


A quadrilateral with all
4 sides equal in length.

right angle

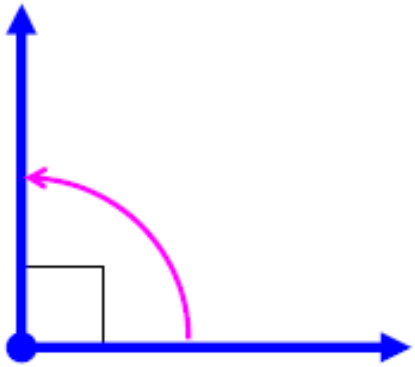
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right angle



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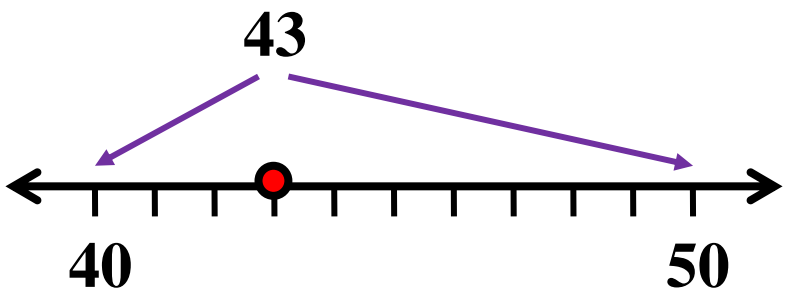
right angle



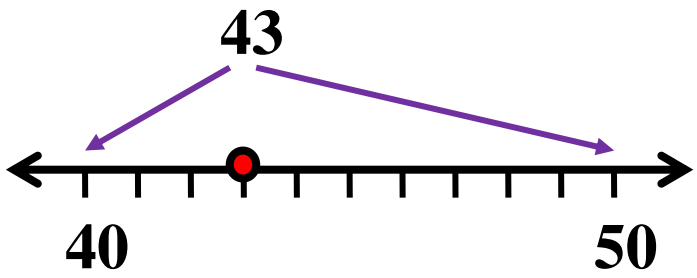
An angle that forms a square corner.

round a whole number

round a whole number



round a whole number

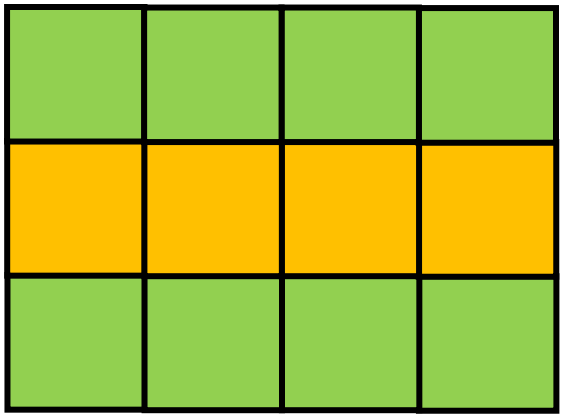


To find the nearest ten, hundred, thousand, and so on).

row

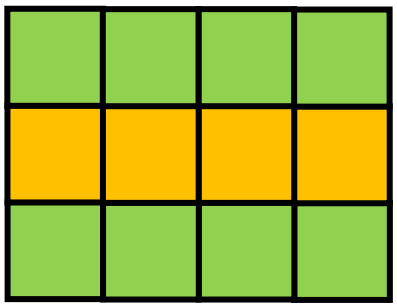
row

Rows go from left to right.



row

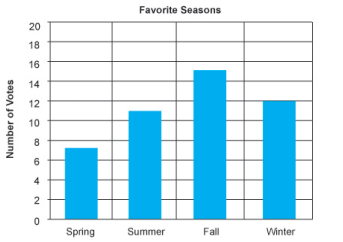
Rows go from left to right.



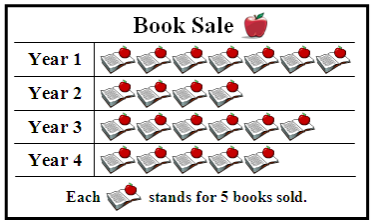
A horizontal arrangement of numbers or information in an array or table.

scale

scale

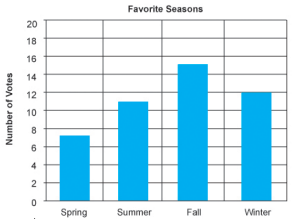


Each rectangle represents 2 votes.

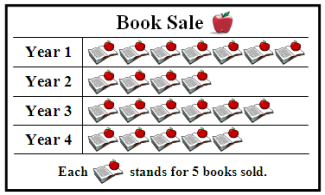


Each picture represents 5 books.

scale



Each rectangle represents 2 votes.



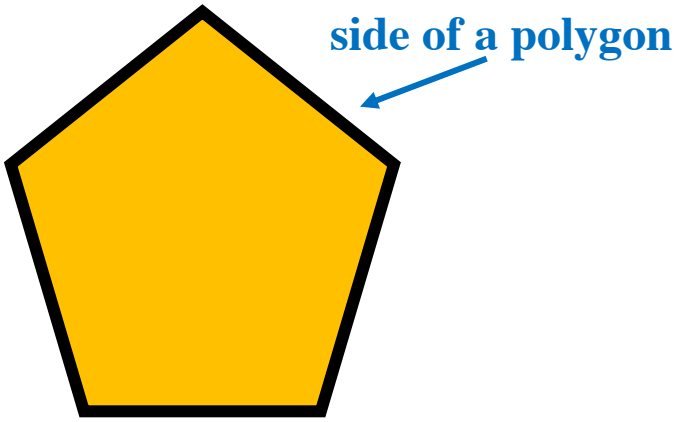
Each picture represents 5 books.

A series of numbers at regular intervals that help label a graph.

side

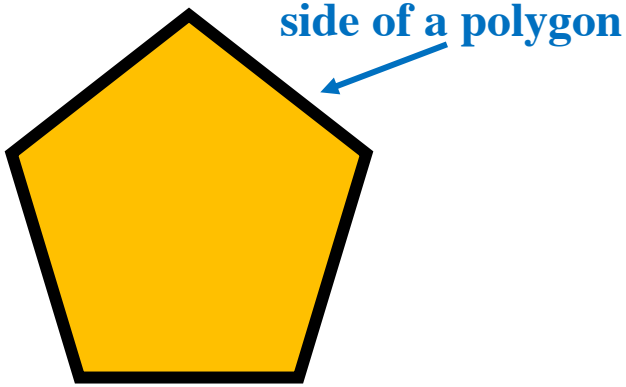
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side



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side

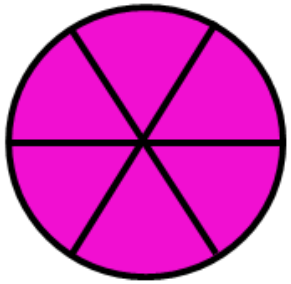


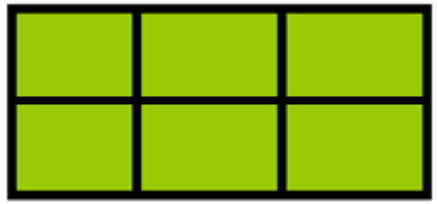
One of the line segments that makes a polygon.

sixths

---

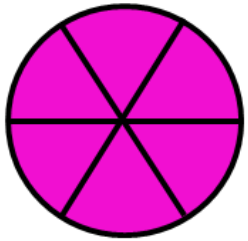
sixths





---

sixths





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

skip count

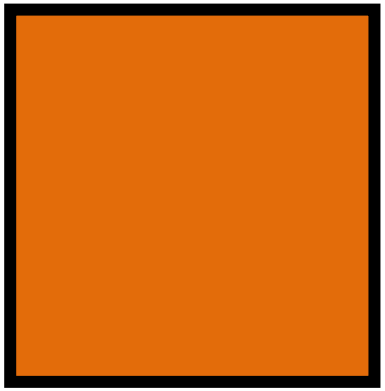
skip count 3, 6, 9, 12

skip count 3, 6, 9, 12

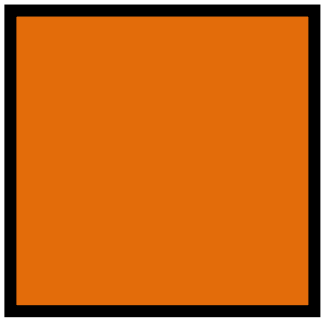
Counting by a given number greater than 1.

square

square



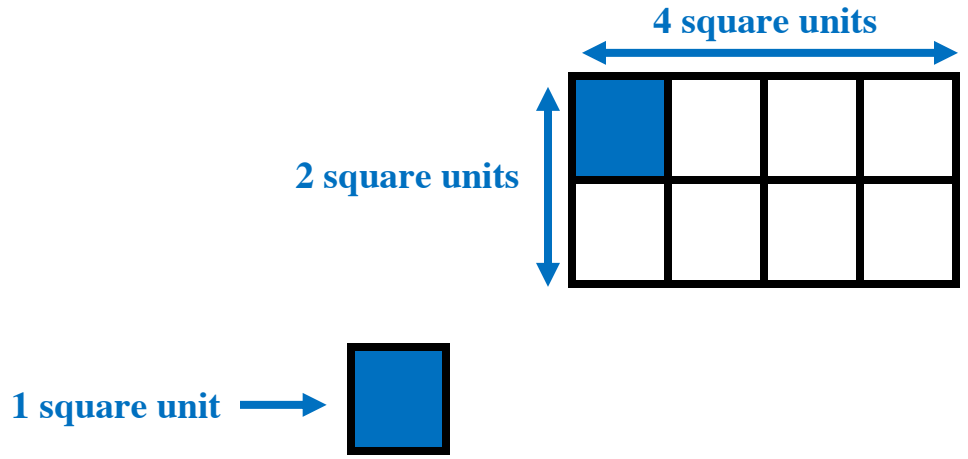
square



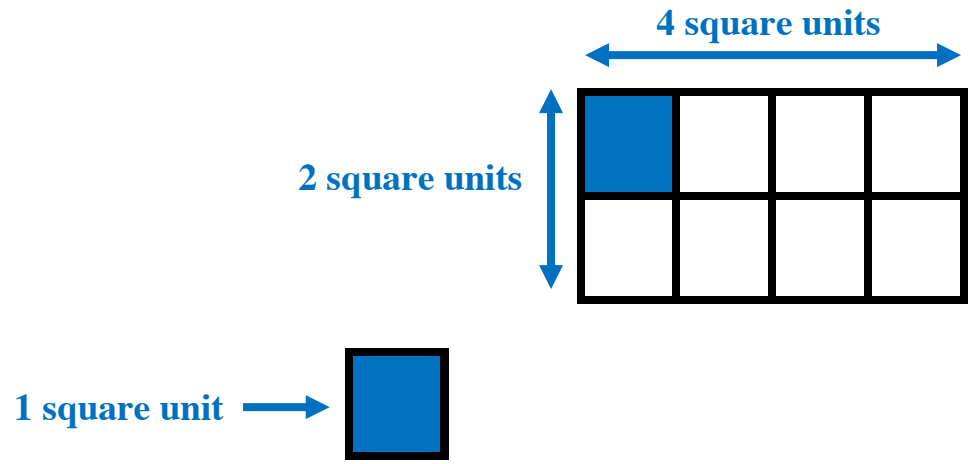
A parallelogram with
4 equal angles AND
4 equal sides.

square unit

square unit



square unit



A unit, such as square centimeter or square inch, used to measure area.

standard form

standard form

12,345

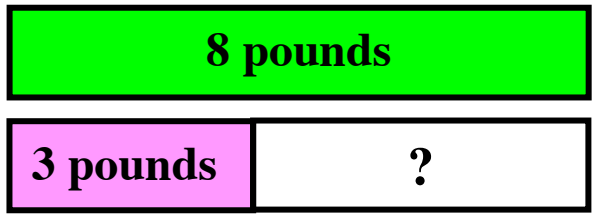
standard form

12,345

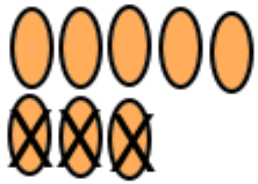
The common or usual way of writing a number using digits. (also known as base-ten numeral form)

subtract

subtract



8 – 3 = 5



8 – 3 = 5

subtract



8 – 3 = 5



8 – 3 = 5

An operation that gives the difference between two numbers. Subtraction can be used to compare two numbers, or to find out how much is left after some is taken away.

sum

---

sum

$$453 + 929 = 1{,}382$$

sum

---

sum

$$453 + 929 = 1{,}382$$

sum

The answer to an addition problem.

survey

survey



survey



A way to gather data by asking questions.

tally table

tally table

Favorite Fruit	
 Orange	𝍸
 Apple	𝍸 II
 Pear	III

tally table

Favorite Fruit	
 Orange	𝍸
 Apple	𝍸 II
 Pear	III

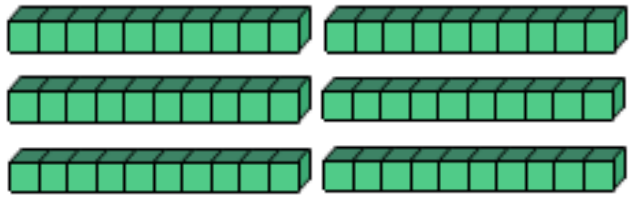
A table that uses tally marks to record data.

tens

---

tens

3 × 20
3 × 2 tens
6 tens

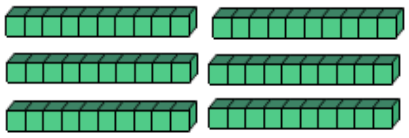


60

---

tens

3 × 20
3 × 2 tens
6 tens

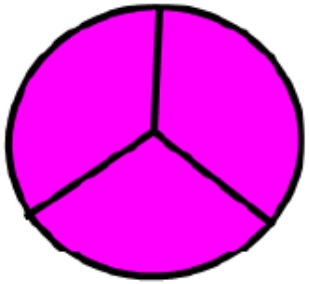


60

Sets of ten ones.
(i.e., 10, 20, 30, 40, 50, 60, 70, 80, or 90)

thirds

thirds





thirds



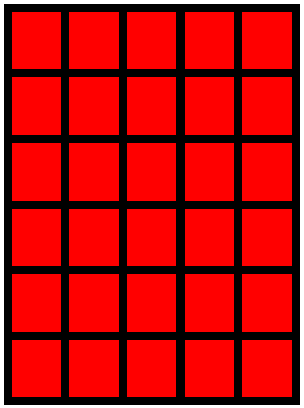


The parts you get when you divide something into 3 equal parts.

tiling

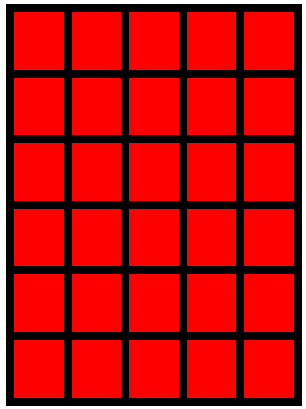
---

tiling



---

tiling



A pattern of shapes
repeated to fill a plane.
The shapes do not overlap
and there are no gaps.

time interval

---

time interval



---

time interval

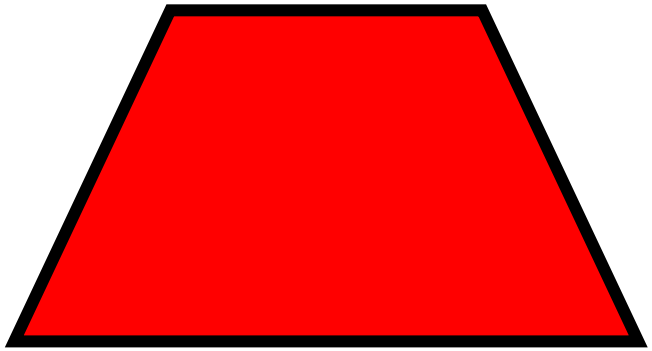


A duration of a segment of time. (also known as elapsed time)

trapezoid

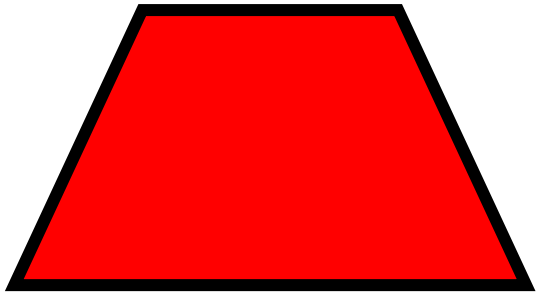
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trapezoid



---

trapezoid

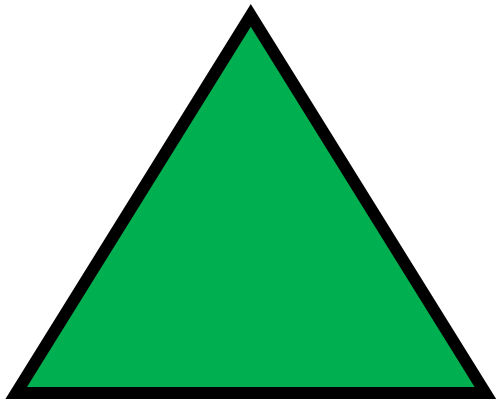


A quadrilateral with
1 pair of parallel sides
and 1 pair of sides
that are not parallel.

triangle

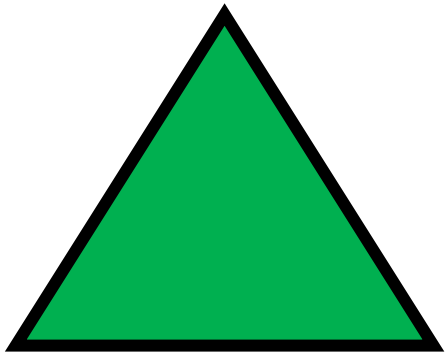
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triangle



---

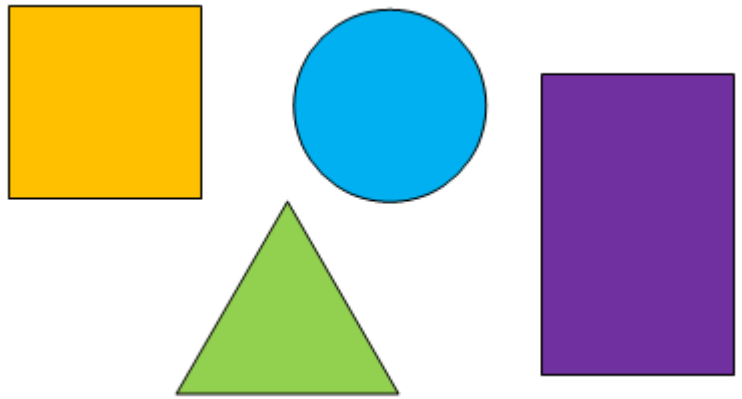
triangle



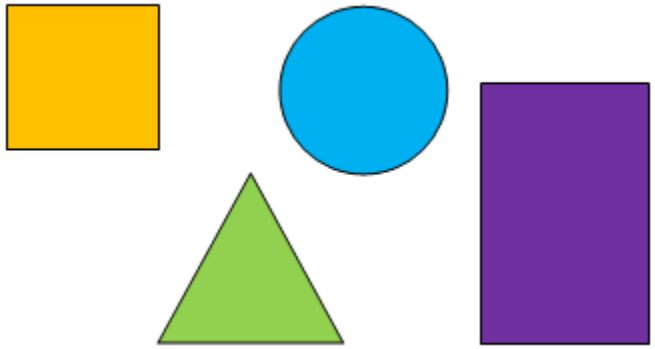
A polygon with
3 sides and 3 angles.

two-dimensional shape

two-dimensional shape



two-dimensional shape

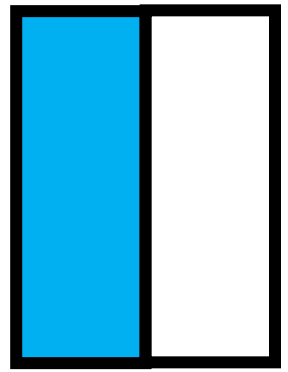


A plane, flat shape that has length and width.

unit fraction

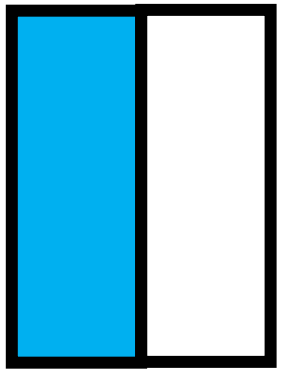
unit fraction

$\frac{1}{2}$



unit fraction

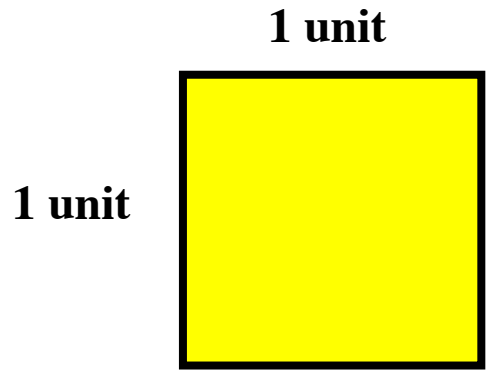
$\frac{1}{2}$



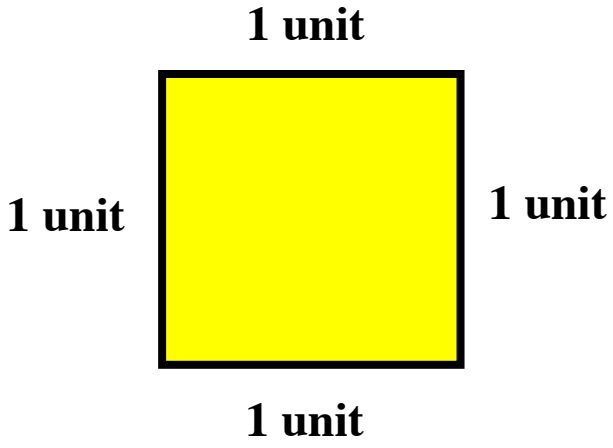
A fraction that has 1 as its numerator. A unit fraction names 1 equal part of a whole.

unit square

unit square



unit square



A square with side lengths of 1 unit each. It has an area of 1 square unit.

variable

---

variable

$$5 \times b = 10$$

b **is a variable worth 2.**

---

variable

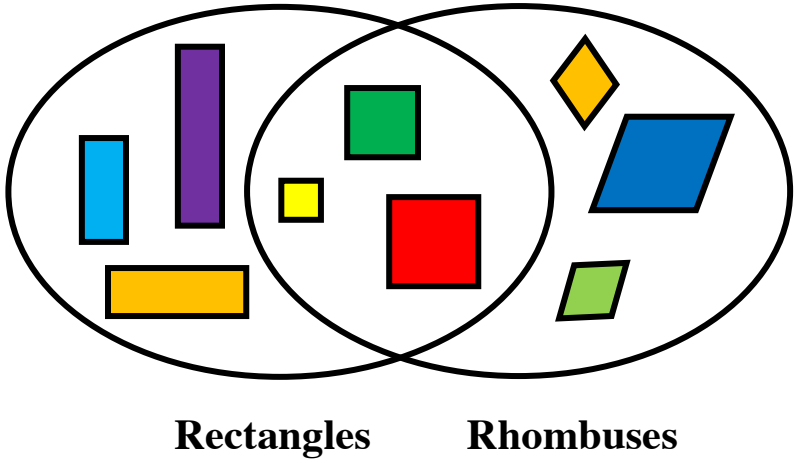
$$5 \times b = 10$$

b **is a variable worth 2.**

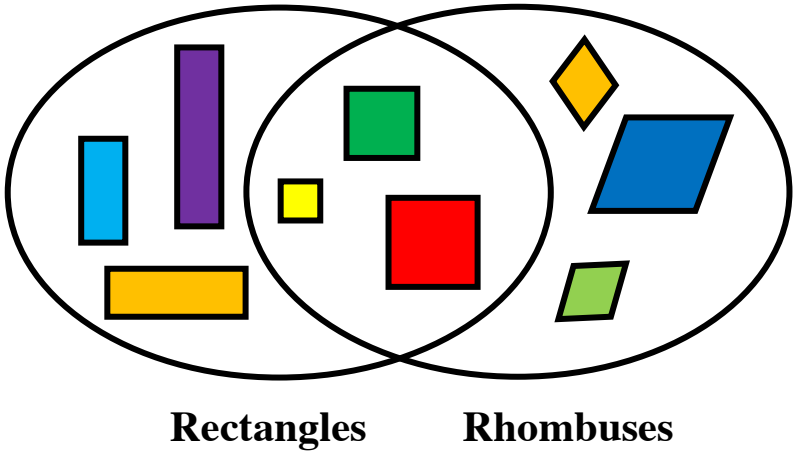
A letter or symbol that represents a number.

Venn diagram

Venn diagram



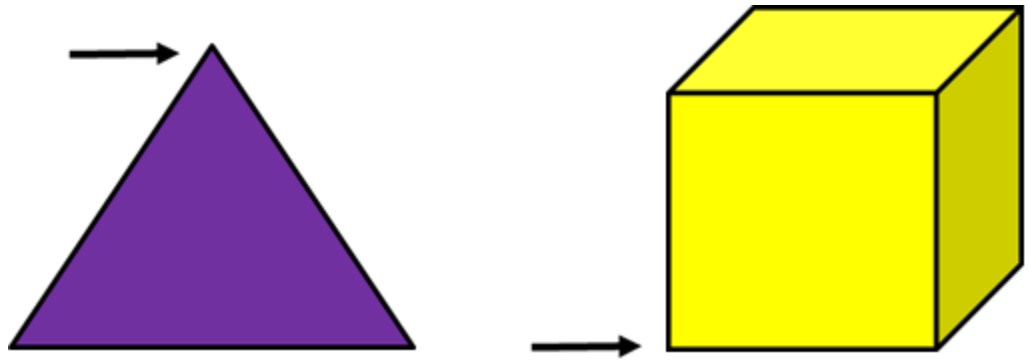
Venn diagram



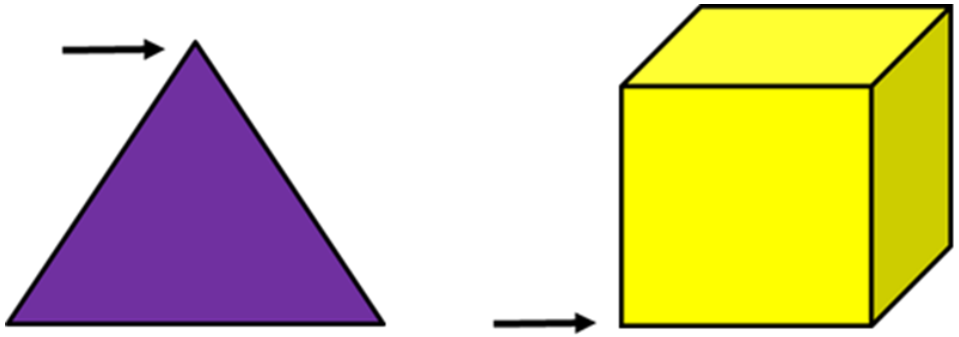
A drawing with circles or rings to show how sets of objects are related.

vertex

vertex



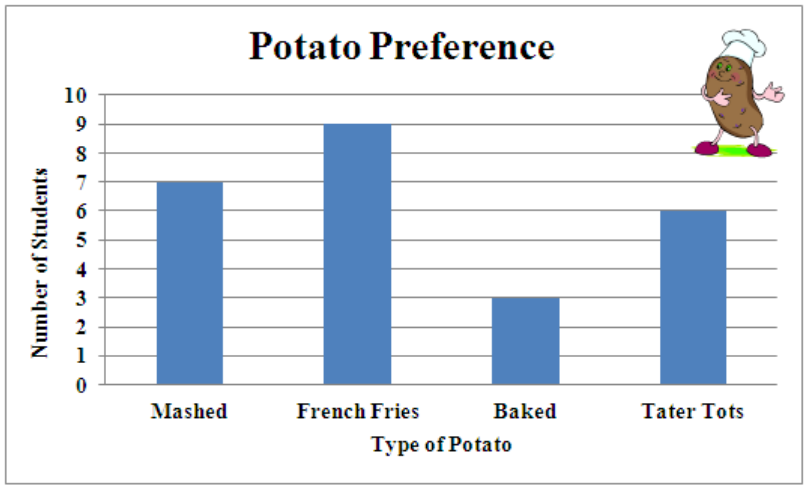
vertex



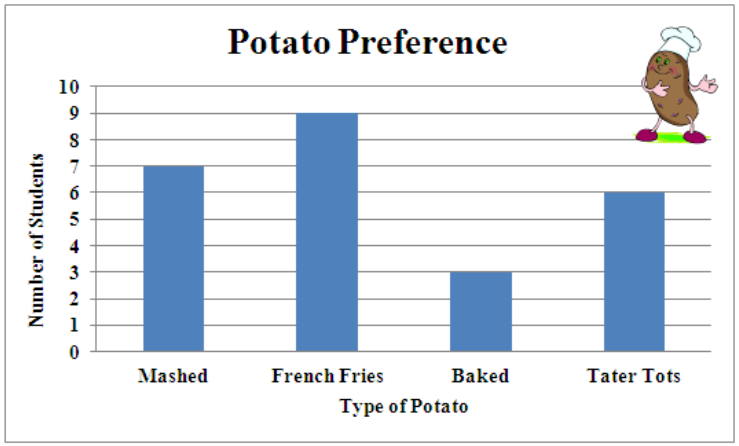
The point where sides of a shape or angles meet. (plural - vertices)

vertical bar graph

vertical bar graph



vertical bar graph



A graph that uses height of rectangles to compare data.

volume

(liquid)

volume

(liquid)



liquid volume

volume

(liquid)

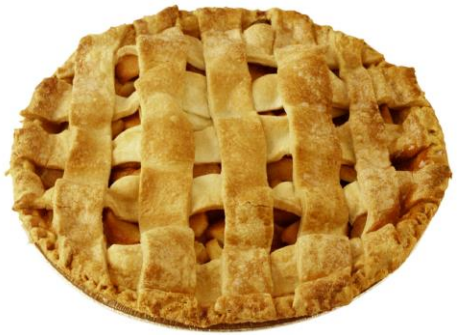


liquid volume

The number of cubic units it takes to fill a figure.

whole

whole



1 whole pie



1 whole rectangle

whole



1 whole pie



1 whole rectangle

All of an object,
a group of objects,
shape, or quantity.

whole numbers

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whole numbers



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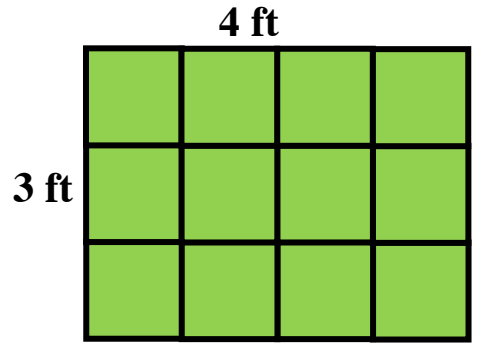
whole numbers



Whole numbers are 0 and the counting numbers 1, 2, 3, 4, 5, 6, and so on.

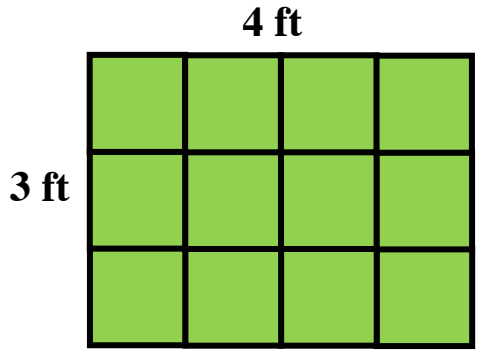
width

width



Length	Width	Area
3 ft	4 ft	12 sq ft

width



Length	Width	Area
3	4	12 sq ft

One dimension of a two- or three-dimensional figure.

Zero Property of Multiplication

Zero Property of Multiplication

$8 \times 0 = 0$

Zero Property of Multiplication

$8 \times 0 = 0$

The product of any factor and zero is 0.