Florida's B.E.S.T.

△▽○
HMH | **Go Math!**™

Vocabulary Cards

GRADE
3

sumando

addend

Any of the numbers that are added in addition

Example: 2 + 3 = 5

addend   addend

suma

addition

The process of finding the total number of items when two or more groups of items are joined; the opposite operation of subtraction

A.M.

The time after midnight and before noon

After Midnight and Before Noon

A.M.
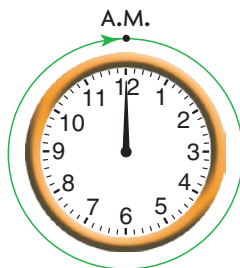
reloj analógico

analog clock

A tool for measuring time, in which hands move around a circle to show hours and minutes

Example:

ángulo

angle

A shape formed by two rays that share an endpoint
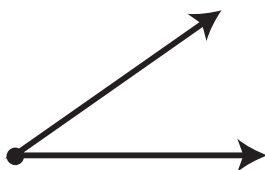
area

area

The measure of the number of unit squares needed to cover a surface
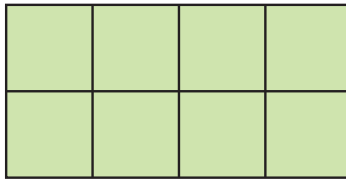
Area = 8 square units

matriz

array

A set of objects arranged in rows and columns

column

row

$3 \times 4 = 12$
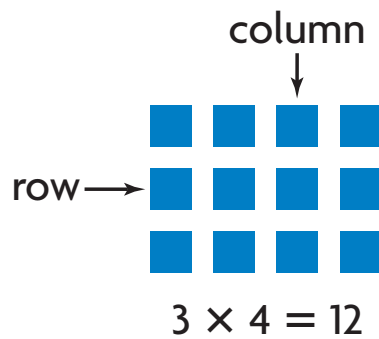
Associative Property
of Addition

Propiedad asociativa
de la suma

The property that states that you can group addends in different ways and still get the same sum

Example: (2 + 3) + 4 = 2 + (3 + 4)

Associative Property
of Multiplication

Propiedad asociativa
de la multiplicación

The property that states that when the grouping of factors is changed, the product remains the same

Example: $(5 \times 4) \times 3 = 5 \times (4 \times 3)$

gráfica de barras

bar graph

A graph that uses bars to show data

Example:

Favorite Food

capacidad
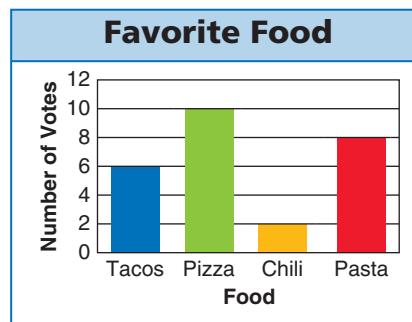
capacity

The amount a container can hold

Example:

1 liter = 1,000 milliliters

datos categóricos

categorical data

A type of data which is divided into groups

Example: favorite sports, types of flowers

Celsius

Celsius (°C)

A metric scale for measuring temperature

símbolo de centavo

cent sign (¢)

A symbol that stands for *cent* or *cents*

Example: 53¢

centímetro (cm)

centímeter (cm)

A metric unit used to measure length or distance
100 centimeters = 1 meter

centimeters

círculo

circle

A round closed plane shape

Example:

gráfica circular

circle graph

A graph that uses parts of a circle to show data

Favorite Fiction Books

figura cerrada

closed shape

A shape that begins and ends at the same point

Examples:

Commutative Property
of Addition

The property that states that you can add two or more numbers in any order and get the same sum

Example: $6 + 7 = 7 + 6$
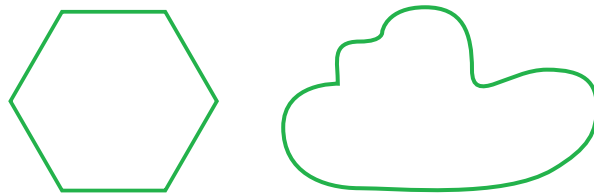
Commutative Property
of Multiplication

Propiedad conmutativa
de la multiplicación

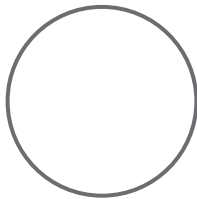The property that states that you can multiply two factors in any order and get the same product

Example: $4 \times 3 = 3 \times 4$

comparar

compare

To describe whether numbers are equal to, less than, or greater than each other

números compatibles

compatible numbers

Numbers that are simpler to compute mentally

figura compuesta

composite figure

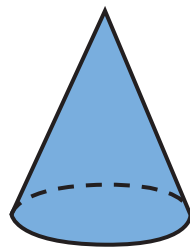A figure made by joining one or more figures

cono

cone

A three-dimensional, pointed shape that has a flat, round base

Example:

número natural

counting number

A whole number that can be used to count a set of objects (1, 2, 3, 4 . . .)

cubo

cube

A three-dimensional shape with six square faces of the same size

Example:

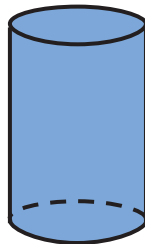cup (c)

taza (tz)
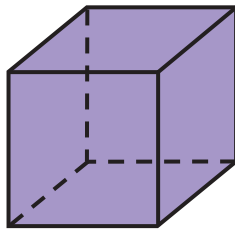
A customary unit used to measure capacity

cilindro

cylinder

A three-dimensional object that is shaped like a can

Example:

datos

data

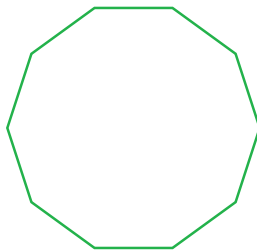Information collected about people or things

decágono

decagon

A polygon with ten sides and ten angles

Example:

punto decimal

decimal point

A symbol used to separate dollars from cents in money

Example: $4.52

↑

decimal point

denominador

denominator

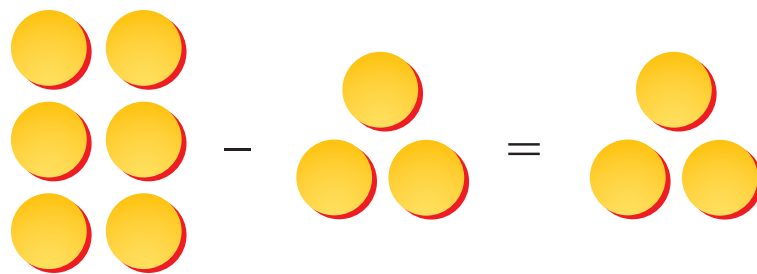The part of a fraction below the line, which tells how many equal parts there are in the whole or in the group

Example: $\frac{1}{5}$ ⟵ **denominator**

diferencia

difference

The answer to a subtraction problem

 − =

Example: $6 - 3 = 3$

difference

digital clock

reloj digital

A clock that shows time to the minute, using digits

Example:

6:00

dígitos

digits

The symbols 0, 1, 2, 3, 4, 5, 6, 7, 8, and 9

moneda de 10¢

dime

A coin worth 10 cents and with a value equal to that of 10 pennies; 10¢

Example:

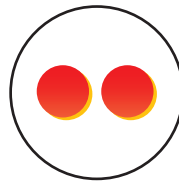Propiedad distributiva

Distributive Property

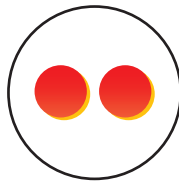The property that states that multiplying a sum by a number is the same as multiplying each addend by the number and then adding the products

Example: $5 \times 8 = 5 \times (4 + 4)$
$5 \times 8 = (5 \times 4) + (5 \times 4)$
$5 \times 8 = 20 + 20$
$5 \times 8 = 40$

dividir

divide

To separate into equal groups; the opposite operation of multiplication

$8 \div 4 = 2$ $4\overline{)8}^{2}$

dividendo

dividend

The number that is to be divided in a division problem

Examples: $32 \div 4 = 8$ $\quad$ $4\overline{)32}$ = 8

dividend $\qquad$ dividend

divisible

divisible

A number that is a counting number and can be evenly divided

Example: 18 is divisible by 3

division

The process of sharing a number of items to find how many groups can be made or how many items will be in a group; the opposite operation of multiplication

divisor

The number that divides the dividend

Examples: $32 \div 4 = 8$ $\quad 4\overline{)32}^{\,8}$

divisor   divisor

dólar

dollar

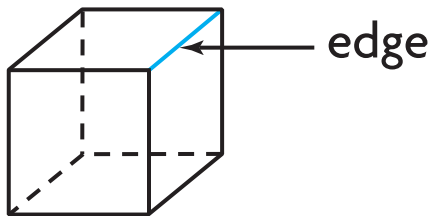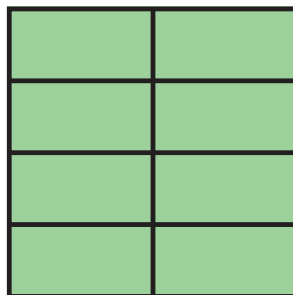Paper money worth 100 cents and equal to 100 pennies; $1.00

Examples:

arista

edge

A line segment formed where two faces meet
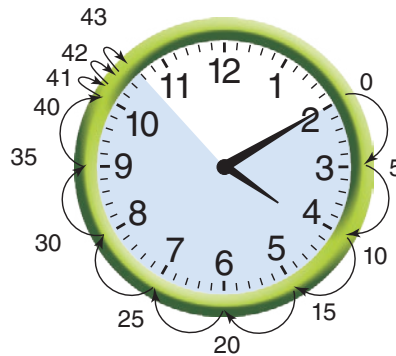
edge

octavos

Eighths

These are **eighths**

tiempo transcurrido

Elapsed Time

The time that passes from the start of an activity to the end of that activity

So, the **elapsed time** is 43 minutes
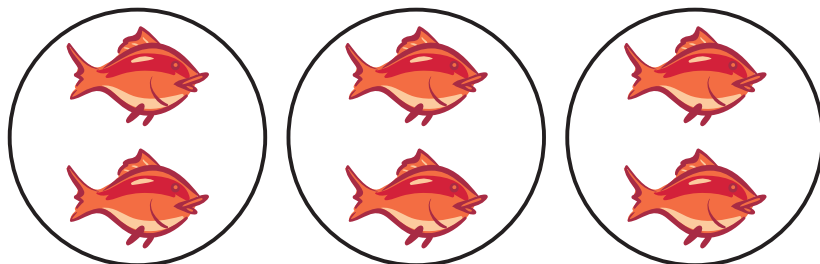
extremo

endpoint

The point at either end of a line segment

endpoints

grupos iguales

equal groups
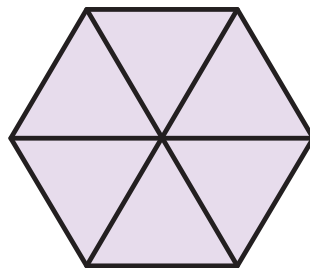
Groups that have the same number of objects

partes iguales

Equal Parts

Parts that are exactly the same size

6 equal parts

signo de igualdad

equal sign (=)

A symbol used to show that two numbers have the same value

Example: 384 = 384

igual a

equal to (=)

Having the same value

Example: 4 + 4 is equal to 3 + 5

ecuación

equation

A number sentence that uses the equal sign
to show that two amounts are equal

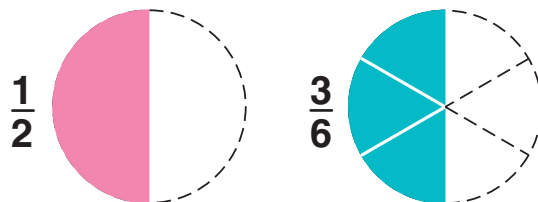Example: $9 \times 2 = 18$ is an equation

equivalente

equivalent

Two or more sets that name the same amount

fracciones equivalentes

equivalent fractions

Two or more fractions that name the same amount

Example: $\frac{1}{2}$ and $\frac{3}{6}$ are equivalent fractions

$\frac{1}{2}$ $\frac{3}{6}$

estimate

verb

estimar

To find about how many or how much

estimate
noun

estimación

A number close to an exact amount

par

even

A whole number that has a 0, 2, 4, 6, or 8 in the ones place

forma desarrollada

expanded form

A way to write numbers by showing the value of each digit

Example: 721 = 700 + 20 + 1

experimento

experiment

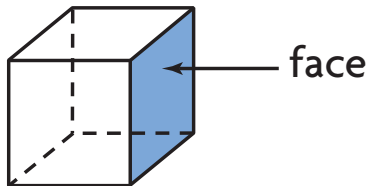A test that is done in order to find out something

expresión

expression

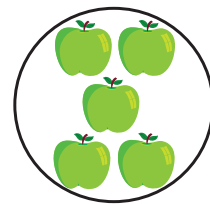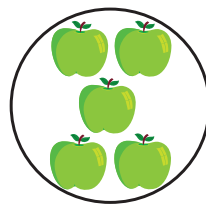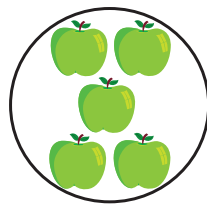A part of an equation that has numbers and operation signs but does not have an equal sign

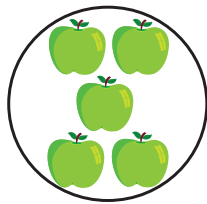cara

face

A polygon that is a flat surface of a solid shape

face

factor

factor

A number that is multiplied by another number to find a product

Example: 4 × 5 = 20

factor   factor
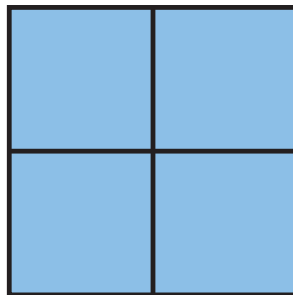
pie

foot (ft)

A customary unit used to measure length or distance; 1 foot = 12 inches

These are **fourths**

fracción

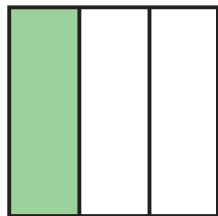fraction

A number that names part of a whole or part of a group
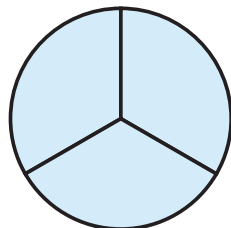
Examples:

$$\frac{1}{3}$$

fracción mayor que 1

Fraction Greater than 1

A number which has a numerator that is greater than its denominator

Examples:
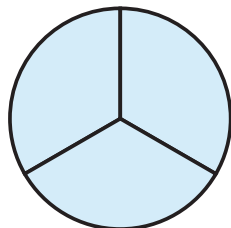
$\frac{6}{3}$ $\frac{2}{1}$

tabla de frecuencia

Frequency Table

A table that uses numbers to record data

Favorite Color	
Color	Number
Blue	10
Green	8
Red	7
Yellow	4

gallon (gal)

gallon (gal)

A customary unit used to measure capacity;
1 **gallon** = 4 quarts

gramo (g)

gram (g)

A metric unit used to measure mass
1 kilogram = 1,000 grams

A small paper clip has a mass
of about 1 **gram**

mayor que

greater than (>)

A symbol used to compare two numbers when the greater number is given first

Example:
Read 6 > 4 as "six is **greater than** four"

Grouping Property
of Addition

propiedad de
agrupación de la suma

The property that states that you can group addends in different ways and still get the same sum

Example:

$$4 + (2 + 5) = 11$$
$$(4 + 2) + 5 = 11$$

Grouping Property of
Multiplication

propiedad de agrupación
de la multiplicación

The property that states that when the grouping of factors is changed, the product remains the same

Example:

$$(3 \times 2) \times 4 = 24$$
$$3 \times (2 \times 4) = 24$$

moneda de 50¢

half dollar

A coin worth 50 cents and with a value equal to that of 50 pennies; 50¢
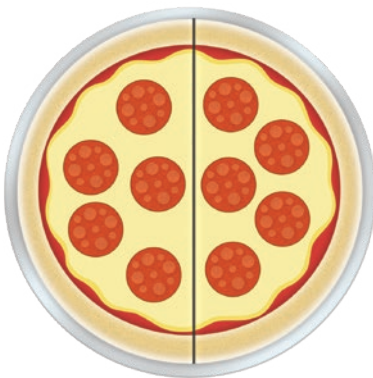
Example:

media hora

half hour

---

30 minutes

Example: Between 4:00 and 4:30
is one half hour

mitades

Halves

These are halves

hexágono

hexagon

A polygon with six sides and six angles

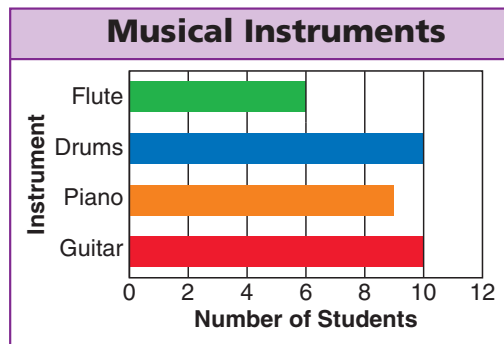Example:

Horizontal Bar Graph

gráfica de barras
horizontales

A bar graph in which the bars go across from left to right

Musical Instruments

hora (h)

hour (hr)

A unit used to measure time; in one hour, the hour hand on an analog clock moves from one number to the next; 1 hour = 60 minutes

horario

hour hand

The short hand on an analog clock

Identity Property of
Addition

Propiedad de
identidad de la suma

The property that states that when you add zero to a number, the result is that number

Example: $17 + 0 = 17$

Identity Property
of Multiplication

Propiedad de identidad
de la multiplicación

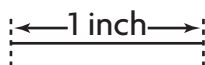The property that states that the product of any number and 1 is that number

Example: $17 \times 1 = 17$

pulgada (pulg.)

inch (in.)

A customary unit used to measure length or distance

Example:

|← 1 inch →|

líneas secantes

intersecting lines

Lines that meet or cross

inversas

operaciones

inverse operations

Opposite operations, or operations that undo one another, such as addition and subtraction or multiplication and division

Examples: $16 + 8 = 24$; $24 - 8 = 16$
$4 \times 3 = 12$; $12 \div 4 = 3$

key

The part of a map or graph that explains the symbols

Fish in Eric's Tank	
Guppies	
Mollies	
Neons	
Key: Each 🐟 stands for 5 fish.	

Key

kilogramo (kg)

kilogram (kg)

A metric unit used to measure mass
1 kilogram = 1,000 grams
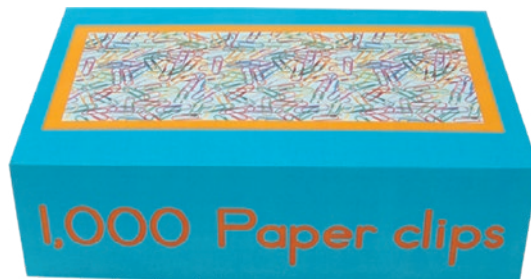
A box of 1,000 paper clips has
a mass of about 1 **kilogram**

longitud

length

The measurement of the distance between two points

menor que

less than (<)

A symbol used to compare two numbers when the lesser number is given first

Example:
Read 3 < 7 as "three is **less than** seven"

línea

line

A straight path extending in both directions with no endpoints

diagrama de puntos

line plot

A graph that records each piece of data on a number line

segmento

line segment

A part of a line that includes two points, called endpoints, and all of the points between them

●━━━━━━━━━●

simetría axial

line symmetry

What a shape has if it can be folded about a line so that its two parts match exactly

liquid volume

volumen de un
líquido

The amount of liquid in a container

litro (L)

liter (L)

A metric unit used to measure liquid volume

1 liter

masa

mass

The amount of matter in an object

metro (m)

meter (m)

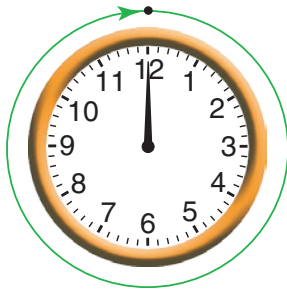A metric unit used to measure length or distance; 1 meter = 100 centimeters

medianoche

Midnight

12:00 at night

Midnight

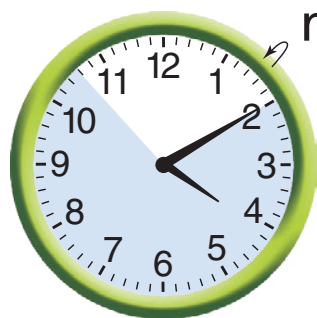11 12 1
10　　　2
9　　　3
8　　　4
7　6　5

milílitro (mL)

mililiter (mL)

A metric unit used to measure capacity and liquid volume

minuto

minute

A unit used to measure short amounts of time; in one minute, the minute hand on an analog clock moves from one mark to the next

minute

minutero

minute hand

The long hand on an analog clock

múltiplo

multiple

A number that is the product of two counting numbers

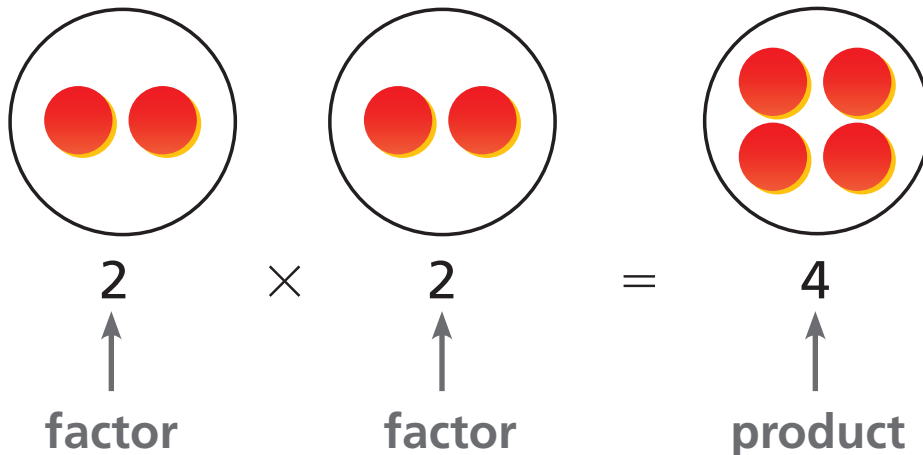| 6 | 6 | 6 | 6 | counting |
| $\times 1$ | $\times 2$ | $\times 3$ | $\times 4$ | ← numbers |
| 6 | 12 | 18 | 24 | ← multiples of 6 |

multiplicación

multiplication

The process of finding the total number of items in two or more equal groups; the opposite operation of division

multiplicar

multiply

To combine equal groups to find how many in all; the opposite operation of division

$$2 \times 2 = 4$$

factor × factor = product

moneda de 5¢

nickel

A coin worth 5 cents and with a value equal to that of 5 pennies; 5¢

Example:

mediodía

Noon

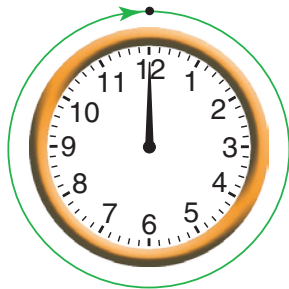
12:00 in the day

Noon

recta numérica

number line

A line on which numbers can be located

Example:

numerador

numerator

The part of a fraction above the line, which tells how many parts are being counted

Example: $\frac{1}{5}$ ← **numerator**

octágono

octagon

A polygon with eight sides and eight angles

impar

odd

A whole number that has a 1, 3, 5, 7, or 9 in the ones place

figura abierta

open shape

A shape that does not begin and end at the same point

Examples:

order

order

A particular arrangement or placement of numbers or things, one after another

order of operations

orden de las operaciones

A special set of rules that gives the order in which calculations are done

Order Property of Addition

propiedad de orden de la suma

The property that states that you can add two or more numbers in any order and get the same sum

Example:

$$6 + 7 = 13$$
$$7 + 6 = 13$$

Order Property of
Multiplication

propiedad de orden de la
multiplicación

The property that states that you can multiply two factors in any order and get the same product

Example:

$$2 \times 4 = 8$$
$$4 \times 2 = 8$$

onza (oz)

ounce (oz)

A customary unit used to measure weight;
1 pound = 16 ounces

líneas paralelas

parallel lines

Lines in the same plane that never cross and are always the same distance apart

productos parciales

partial products

A method of multiplying in which the ones, tens, hundreds, and so on are multiplied separately and then the products are added together

patrón

pattern

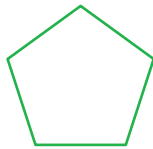An ordered set of numbers or objects in which the order helps you predict what will come next

Examples: 2, 4, 6, 8, 10, 2, 4, 6, 8, 10

pentágono

pentagon

A polygon with five sides and five angles
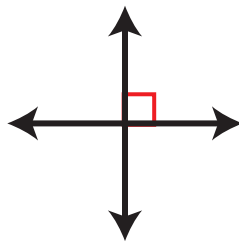
perímetro

perímeter

The distance around a figure

Example: The perimeter of this rectangle is 20 inches

6 in.

4 in.   4 in.

6 in.
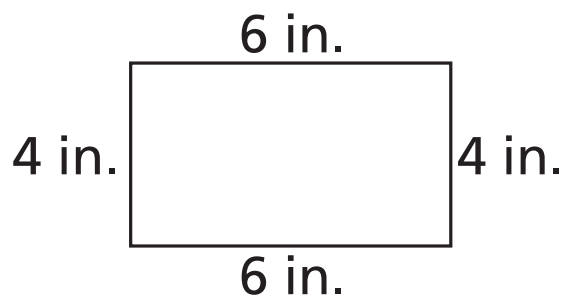
líneas perpendiculares

perpendicular lines

Lines that intersect to form right angles

pictograma

pictograph

A graph that uses pictures to show and compare information

Fish in Eric's Tank	
Guppies	🐠 🐠
Mollies	🐠 🐠 🐠 🐠 🐠
Neons	🐠 🐠 🐠
Key: Each 🐠 stands for 5 fish.	

pinta (pt)

pint (pt)

A customary unit used to measure capacity;
1 pint = 2 cups

valor posicional

place value

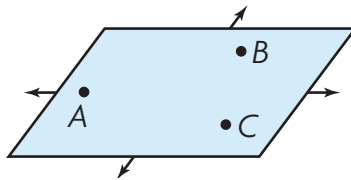The value of each digit in a number, based on the location of the digit

MILLIONS			THOUSANDS			ONES		
Hundreds	Tens	Ones	Hundreds	Tens	Ones	Hundreds	Tens	Ones
		1,	3	9	2,	0	0	0
		$1 \times 1{,}000{,}000$	$3 \times 100{,}000$	$9 \times 10{,}000$	$2 \times 1{,}000$	0×100	0×10	0×1
		1,000,000	300,000	90,000	2,000	0	0	0

plano

plane

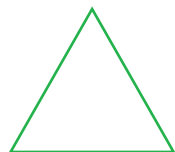A flat surface that extends without end in all directions

Example:

figura plana

plane shape

A shape in a plane that is formed by curves, line segments, or both
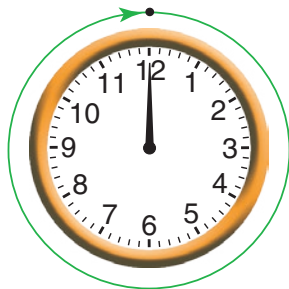
Example:

P.M.
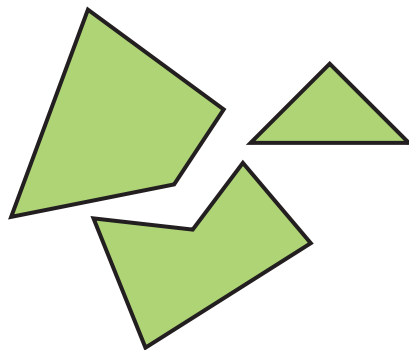

The time after noon and before midnight

P.M.

punto

point

An exact position or location

polígono

polygon

A closed plane shape with straight sides that are line segments

pound (lb)

libra (lb)
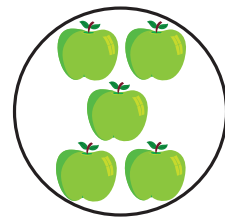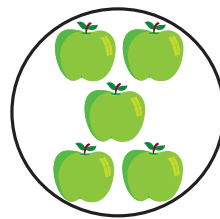
A customary unit used to measure weight;
1 pound = 16 ounces

producto

product

The answer in a multiplication problem
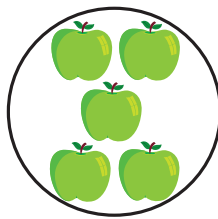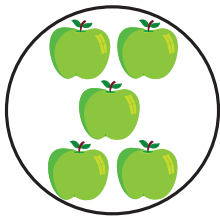
Example: 4 × 5 = 20

product

quadrilateral

A polygon with four sides and four angles
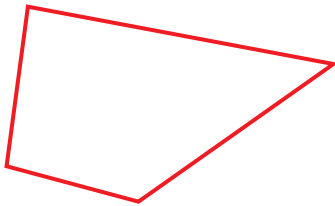
cuarto (ct)

quart (qt)

A customary unit used to measure capacity;
1 quart = 2 pints

moneda de 25¢

quarter

A coin worth 25 cents and with a value equal to that of 25 pennies; 25¢

Example:

cuarto de hora

quarter hour

---

15 minutes

Example: Between 4:00 and 4:15 is one quarter hour

cociente

quotient

The number, not including the remainder, that results from division

Example: $35 \div 7 = 5$

$\uparrow$

quotient

semirrecta

ray

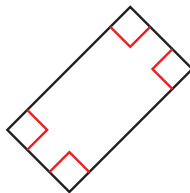A part of a line, with one endpoint, that is straight and continues in one direction

rectángulo

rectangle

A quadrilateral with two pairs of parallel sides, two pairs of sides of equal length, and four right angles
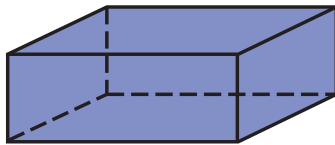
prisma rectangular

rectangular prism

A three-dimensional shape with six faces that are all rectangles

Example:

regroup

regroup

To exchange amounts of equal value to rename a number

Example: 5 + 8 = 13 ones or 1 ten 3 ones

operaciones
relacionadas

related facts

A set of related addition and subtraction, or multiplication and division, equations

Examples: $4 \times 7 = 28$ $28 \div 4 = 7$
            $7 \times 4 = 28$ $28 \div 7 = 4$

residuo

remainder

The amount left over when a number cannot be divided evenly

results

resultados

The answers from a survey

rombo

rhombus

A quadrilateral with two pairs of parallel sides and four sides of equal length
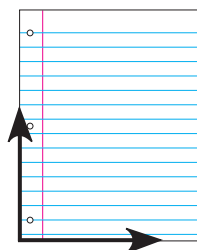
redondear

round

To replace a number with another number that tells about how many or how much

Example:

$$42 \longrightarrow 40$$
$$\underline{+16} \longrightarrow \underline{+20}$$
$$58 \qquad\quad 60$$

escala

scale

The numbers placed at fixed distances on a graph to help label the graph

School Supply Sales
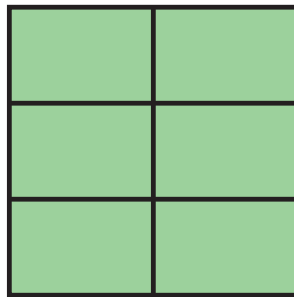
Scale
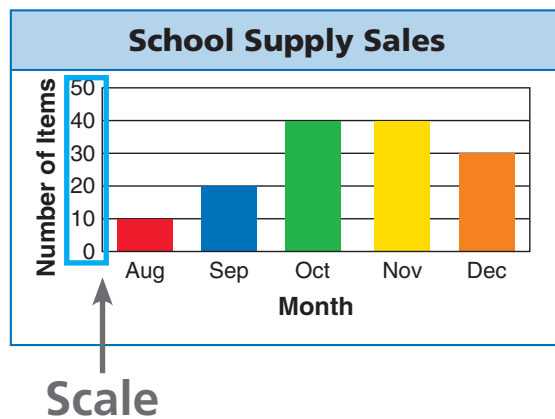
lado

side

A straight line segment in a polygon

sextos

sixths

These are **sixths**

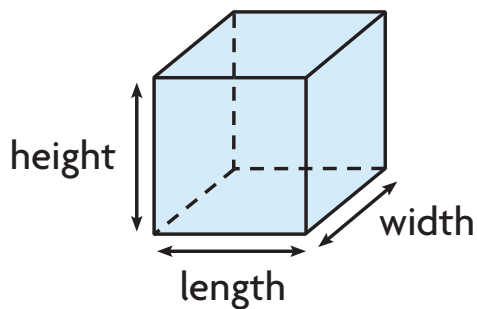contar salteado

skip count

A pattern of counting forward or backward

Example: 5, 10, 15, 20, 25, 30, . . .

cuerpo geométrico

solid shape

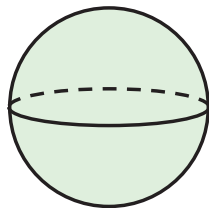A shape that has length, width, and height

esfera

sphere

A three-dimensional shape that has the shape of a round ball

Example:

cuadrado

square

A quadrilateral with two pairs of parallel sides, four sides of equal length, and four right angles

Example:

unidad cuadrada

square unit

A unit used to measure area such as square foot, square meter, and so on

standard form

forma normal

A way to write numbers by using the digits 0–9, with each digit having a place value

Example: 345

resta

subtraction

The process of finding how many are left when a number of items are taken away from a group of items; the process of finding the difference when two groups are compared; the opposite operation of addition

suma o total

sum

The answer to an addition problem

Example: 6 + 4 = 10

$\qquad$↑__ sum

encuesta

survey

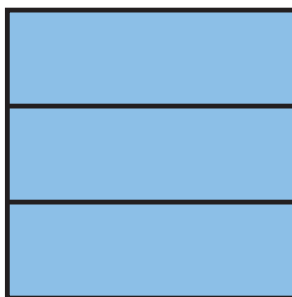A method of gathering information

tabla de conteo

tally table

A table that uses tally marks to record data

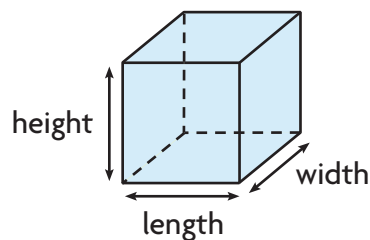| Favorite Sport	
Sport	Tally
Soccer	卌 |||
Baseball	|||
Football	卌
Basketball	卌	

tércios

thirds

These are **thirds**

three-dimensional shape

figura tridimensional

A shape that has length, width, and height

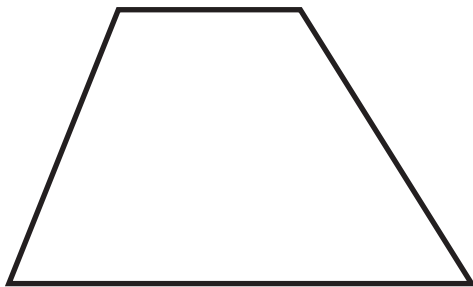Example:

línea cronológica

time line

A drawing that shows when and in what order events took place

trapecio

trapezoid

A quadrilateral with at least one pair of parallel sides

triángulo

triangle

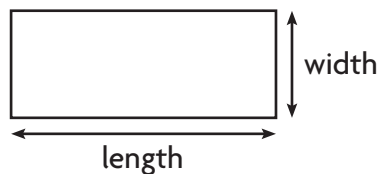A polygon with three sides and three angles

Examples:

two-dimensional shape

figura bidimensional

A shape that has only length and width

Example:

width

length

fracción unitaria

unit fraction

A fraction that has 1 as its top number, or numerator

Example: $\frac{1}{3}$ is a unit fraction

cuadrado de una unidad

unit square

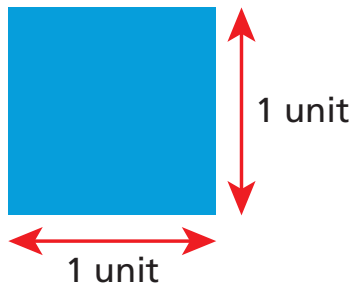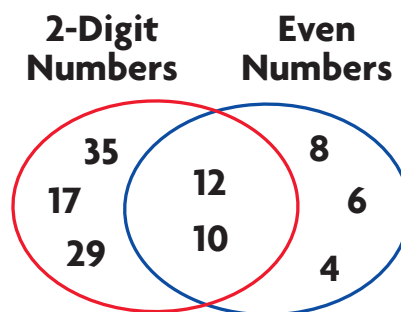A square with a side length of 1 unit, used to measure area

1 unit

1 unit

Venn diagram

diagrama de Venn

A diagram that shows relationships among sets of things

2-Digit Numbers   **Even Numbers**
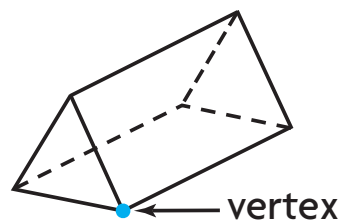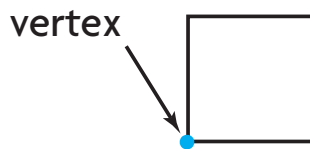
35
17
29
12
10
8
6
4

vértice

vertex

The point at which two rays of an angle or two (or more) line segments meet in a plane shape or where three or more edges meet in a solid shape
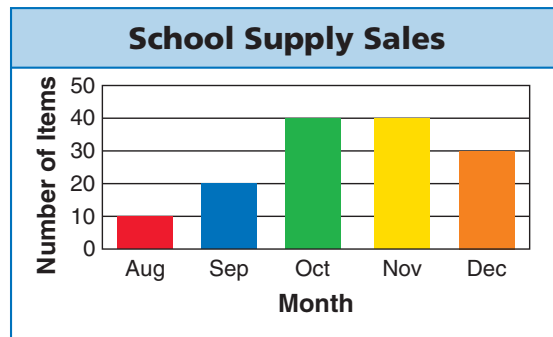
Examples:

vertex

vertex

vertical bar graph

gráfica de barras
verticales

A bar graph in which the bars go up from bottom to top
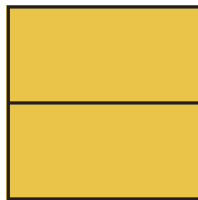
School Supply Sales

peso

weight

The heaviness of an object

entero

whole

All of the parts of a shape or group

Example:

$$\frac{2}{2} = 1$$

This is one **whole**

número entero

whole number

One of the numbers 0, 1, 2, 3, 4, . . .

The set of whole numbers goes on without end

en palabras

word form

A way to write numbers by using words

Example: The word form of 212 is
two hundred twelve

Zero Property of
Multiplication

Propiedad del cero de la
multiplicación

The property that states that the product of zero and any number is zero

Example: $34 \times 0 = 0$