



# Multilingual Mathematics Word Wall

(English, Spanish, Portuguese and Creole)

## Introduction:

The *Mathematics Word Wall* was developed by Michèle S. Weiner, Regional Center II Instructional Supervisor. Teachers who attended Regional Center II's mathematics in-services received their own copy. There have been additional requests from teachers, who did not attend, to receive a copy. Therefore, we have attached a copy of the Mathematics Word Wall to be used as a resource in the classroom.

## The Purpose:

The purpose of the *Mathematics Word Wall* is to identify words and phrases that students need to understand and use so as to make good progress in mathematics. Mathematical language is crucial to children's development of thinking. If students do not have the vocabulary to talk about math concepts and skills, they cannot make progress in understanding these areas of mathematical knowledge. They need to be familiar with mathematical vocabulary and mathematical terms to understand written and spoken instructions.

A structured approach to the teaching and learning of mathematical vocabulary is essential if students are to begin using the correct mathematical terminology.

- ◆ Introduce new words in a suitable context, for example with relevant real objects, pictures and/or diagrams.
- ◆ Explain their meanings carefully and revisit them several times.
- ◆ Students cannot learn the meaning of words in isolation and the use of questions is critical in helping them to understand mathematical ideas and to use mathematical terms correctly. It is important to ask questions in different ways so that students who do not understand the first time may pick up the meaning subsequently.

Mathematics Word Walls are to be active and built upon. Words are to be posted as they are introduced in the day's lesson. Mathematics spirals and students need to explore multiple exposures to important concepts and skills.

Number sense, Concepts, and Operations Word Wall

par

even

par

pè

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impar

odd

ímpar

enpè

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fracción

frac

tion

fração

fraksyon

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Number sense, Concepts, and Operations Word Wall

por ciento



por cento

pousantaj

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multiples of 2

múltiplos de 2

miltip 2

2, 4, 6, 8 ..

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múltiplos de 2

prime numbers

números primos

nonb premye

2, 3, 5, 7, 11 ..

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números primos

Measurement Word Wall

litro

litro

l



l i t e r

lit

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metro

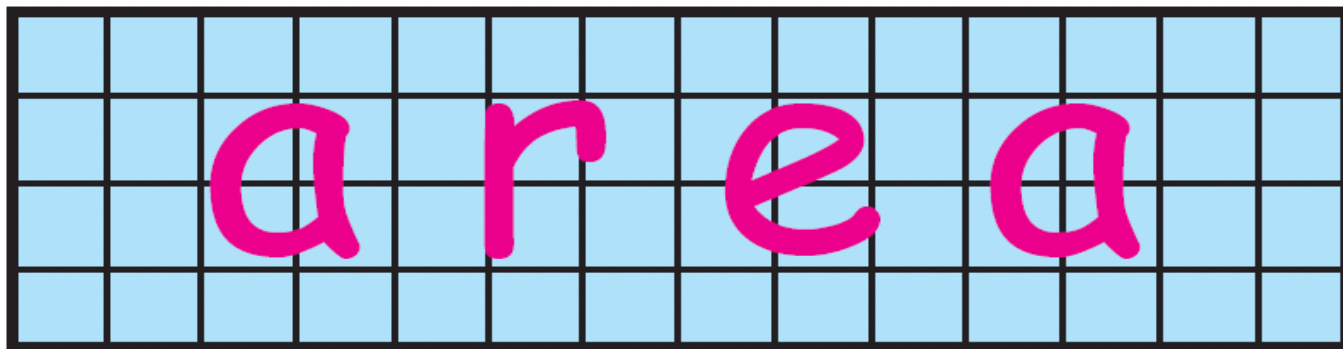


metro

mèt

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área



área

sipèfisi

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Measurement Word Wall

perímetro perimeter



perímetro perimètr

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reflexión

reflection

REFLECTION

reflexão

refleksyon

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Geometry and Spatial Sense Word Wall

order(e, d)

pares ordenados

pè òdone

pairs

pares ordenados

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en el sentido de la manecillas del reloj  
clockwise

Menm sans ak egui mont

Rotation

No sentido dos ponteiros do relógio

rotación

rotação

en contra de las manecillas del reloj  
counterclockwise

sans kontrè ak egui mont

Rotation

No sentido inverso dos ponteiros do relógio

wotasyon

paralelo(a)

parallel

paralelo(a)

paralèl

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Geometry and Spatial Sense Word Wall

perpendicular

perpendicular

perpen<sup>dicular</sup>

pèpandikilè

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traslación



translação

konvèsyon

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línea



line

linha

dwat

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rayo

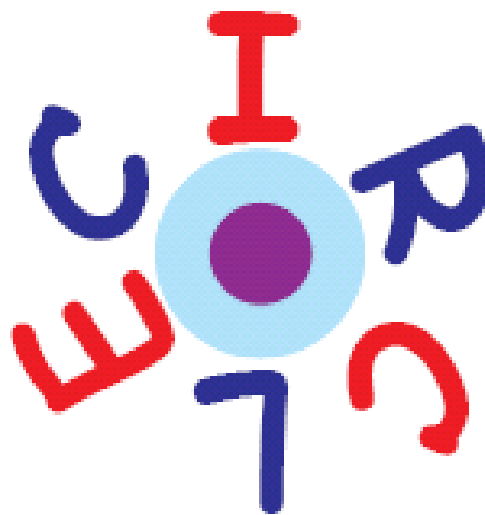


raio

reyon

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círculo

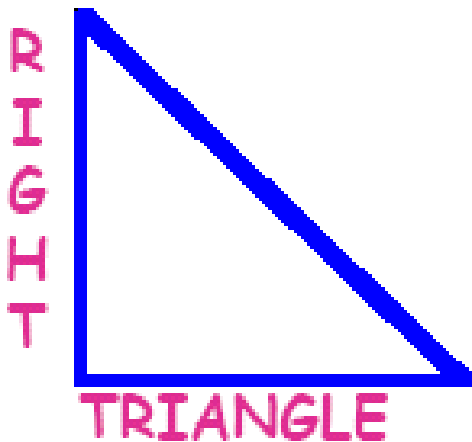


círculo

sèk

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triángulo recto



triângulo retângulo

triyang rektang

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Geometry and Spatial Sense Word Wall

círculos concéntricos

concentric circles  
círculos concêntricos sèk konsantrik

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segmento de recta

line segment



segmento de reta sègman lineyè

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Algebraic Thinking Word Wall

patrones

PATTERNS  
padrões sekans

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desigualdades

in  $\geq$  equalities

desigualdades

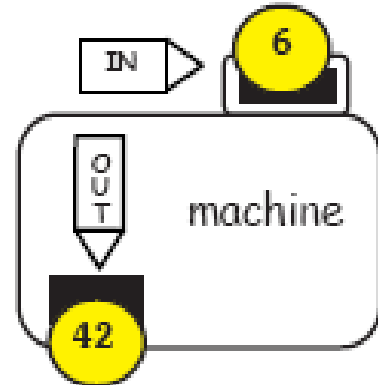
inegalite

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función

function

função

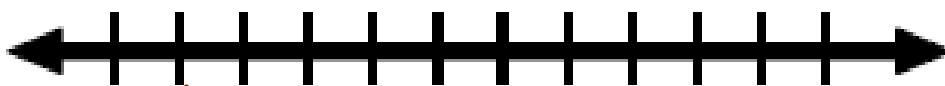


fonksyon

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recta numérica

number line



reta numérica

dwat kowòdone

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Algebraic Thinking Word Wall

mayor que

greater

maior que



than

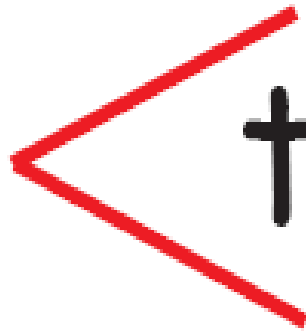
plis pase

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menor que

less

menor que



than

mwens pase

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desigual

not



equal

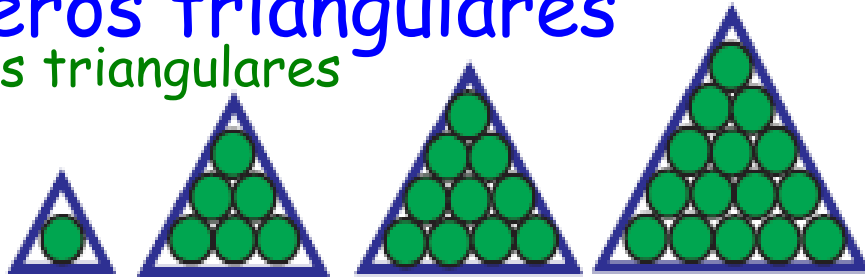
desigual

ki pa egal

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Algebraic Thinking Word Wall

números triangulares  
números triangulares



triangular numbers  
nonb triyangilè

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Data Analysis and Probability Word Wall

mediana

median

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mediana

medyàn

media

m + e + a + n

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média

mwayèn

# combinations

combinaciones



combinações



konbinezon

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rango

# Range (R-e)

variação

ran

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moda

# mòde

moda

mòd

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