

# Glossary

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**Intermediate School Level**

## Mathematics Glossary

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**English / Mandinka**

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Translation of Mathematics Terms  
Based on the Coursework for  
Mathematics Grades 6 to 8.

Word-for-word glossaries are used for  
testing accommodations for ELL/LEP  
students.

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## Mathematics Glossary – Intermediate School Level

English	Mandinka
absolute value	Valoro absoluwo
accurately label work	Labélo dooku wolabinno
adapt	kha labin
additive inverse	inversokaffo
adjacent	adjacenwo
adjacent side of a triangle	Triangle coté adjacenwo
algebra	algébro
algebraic equation	algébriko équasiyon
algebraic expression	algébriko expréssiyon
algebraic inequalities	algébriko inéquasiyonlu
algebraic pattern	algébriko noolu
algebraic solution	algébriko solusiyon
algebraically	algébrikima
alternate exterior angle	banta angloalternato
alternate interior angles	Anglolu kono la alternato
altitude	altitudo
analyze	analiso
angle bisector	anglo bisectoro
angle pairs	anglo paio
apply	kée
apply a variety of strategies	férolu siyaman kée
appropriate mathematical terms	mathématicko termo mun sibén
approximation	approximasiyon
arc	arco
area	dula
area of a circle	cérclodula
argument	kumo
arithmetically	arithmétiko ma
associative property of addition	properté associativo kaffulo
associative property of multiplication	properté multiplicasiyon associativo
base (of percent)	baso (purcenwo la)
base of a 2-dimensional shape	shapo dimensinoalo-2 baso
base of a 3-dimensional shape	shapo dimensiyon-3 baso
base ten number system	niméro sistémo baso
binomial	binominalo
bisector	bisectoro
calculate	calculo
calculate distance	distanso calculo
calculate unit price	Kiling songo calculo
calculate volume	volumocalculo
Celsius	célsiuso
central angle	anglo centralo
chord	chordo
circle	cérclo
circle graph	cérclo grapho

## Mathematics Glossary – Intermediate School Level

English	Mandinka
circumference	circumférenso
clarifying questions	Gnininkaro laséniya
coefficient	coéfficienwo
coherent	tilinin
collaboration	collaborasiyon
combine like terms	Kéla gnokhon kan comi termolu
commission	commissiyon
commutative property of addition	Properté commutativo kaffulo
commutative property of multiplication	Properté commutativo multiplicasiyon
compare strategies	férolubognokhonto
compare unit price	Kiling songo bognokhonto
Compass	compasso
complementary angles	Anglolu complémentéro
compound events	Tumolusuwo
comprehend	famuyalo
conclusion	conclusiyon
conduct	conducto
congruent	congrenso
conjecture (noun)	conjectur (tokho)
conjecture (verb)	conjecturo (verbo)
connections	connecsiyon
consecutive integers	Consécutivo intégérolu
consolidate	kha goléya
constraints	Ka ké fango la
construction	construcsiyon
convert money	Goddo convértiro
convert capacity within a given	Convertiro capacité mun diita
convert mass within a given system	Convertiro fango ani sistémo min diita
convert volume within a given system	convertiro volumo ani sistémo min diita
convert within a given system	Convertiro ani sistémo min diita
coordinate geometry	Géométri coodinato
corresponding angles	Anglolu corespondo
corresponding sides	Cotélu corespondo
counterexample	Contéré exemplo
counting (natural) numbers	contélo (fanfan)niméro
counting numbers	Contélo niméro
cup	kasso
customary units of capacity	Customo unitélo capacité
customary units of mass	Customo untélu fango
data	maradula
decode	décodo
defend	déma
degree of a polynomial	polinomialo degré
density	densité
dependent events	Tumolu dépendewo

## Mathematics Glossary – Intermediate School Level

English	Mandinka
describe	a foo
develop formulas	Formulolu dévolopélinwo
diameter	diaméto
differentiate	khi bo gnokhonto
dilate	dilato
dilation	dilasiyon
dimensions	dimensiyonlu
discuss	kathiaa
distance	distanso
distinguish	Khé fara gnokhonto
distributive property	Distributivo properté
domain	doméno
double bar graph	bar grapho fula
double line graphs	Ligno grapho lufula
draw a graph	grapho déssin
draw a picture	photo déssin
draw conclusions	Conclusiyon déssin
equation	équasiyon
equation of a line	Ligno équasiyon
equidistant	équidistanso
equivalent customary units of	Equivalenwo customo unitélo ani
equivalent fractions	Equivalenso fracsiyonlu
equivalent numerical expressions	Equivalenwo nimériko expréssiyonlu
equivalent ratios	Equivalenwo ratiosolu
estimate	kha jaté
evaluate	évaluyé
evaluate conjectures	Conjecturo évaluyé
evaluate efficiency	Efficienwo évaluyé
exchange rate table	Rato tablo faling
expenses	dépenso
explain	kha gnafo
explore	exploro
exponent	exponenwo
exponential form	Exponentialo formo
extend	sabalin
exterior angle	anglobanta
extremes (of a proportion)	danwolu (proporsiyon la)
faces and bases	Gnatolalu ani basolu
of cones	conolu la
of cylinders	cilindrolu la
of prisms	prismolu la
of pyramids	piramidolu la
factor	factoro
Fahrenheit	Fahrenheito
favorable outcome	Mimbé naring assi bétéya

## Mathematics Glossary – Intermediate School Level

English	Mandinka
fixed distance	Distanso mimbé dulakiling
formally	formalo
formula	formulo
formulate	Khé formulo
formulate mathematically	Kha formulé mathématikma
fraction	fracsiyon
frequency	fréquenso
frequency table	Fréquenso tablo
function	foncsiyon
function notation	Foncsiyon notasiyon
function rule	foncsiyon réglo
fundamental counting principle	Contélo principio nafama
gallon	gallono
generalizations	généralisasiyon
geometric shape	Shapo géométri
geometry	géométri
Graphically	Graphikma
gratuity	Fintésarala
greatest common factor	Fractoro kiling warmaba
height	janjaya
histogram	histogramo
hypotenuse	hipoténuso
ideas	khakilo
identity	identité
identity element	eléménwo identité
identity property of addition	Properté kaffulinwo identité
identity property of multiplication	Properté multiplicasiyon identité
image	imajo
impossible outcomes	Mimbé raring ténala kélano
income	sara
Indirect	indirecto
inductive reasoning	Khakilima inductivo
inequality	inéqualité
informally	informalo
input values	Valorolu mun dunta
integer	intégréro
integer coefficients	Intégréro coéfficienwolu
integral	intégralo
integral exponents	Intégralo exponenwolu
interconnect	interconnecté
interest	intéré
interest rates	ratointéré
interior angles	Anglolu konola
interpret	firino
interpret graphs	Grapho lufirino

## Mathematics Glossary – Intermediate School Level

English	Mandinka
invalid approach	Approch man kati
inverse element	Elémenwo inverso
inverse operation	Opérasiyon inverso
investigate	gnininlo
investigate conjectures	Conjecturo gnininlo
irrational numbers	nimérolu n'té tilinin
irregular polygon	Poligono min tétilining
irrelevant information	Kibaro min man kati
justify	justifiyé
language of logic (and, or, not)	Kumo mimbé tilining (andi,wala,khani)
law of exponents for division	exponenwolu silo purutalalo
law of exponents for multiplication	exponenwolu silo puru multiplicasiyon
law of exponents	exponenwolu silo
legs of a right triangle	trianglo sing maralu
length	loo
levels of precision	Précison nivolu
like (common) denominators	comi (kiling) dénominatorolu
like terms	Comi termolu
line	ligno
line graph	Grapho ligno
line symmetry	Simmétri ligno
linear equation	Equasiyon linéyéro
linear inequalities	Inéqualitélu linéyéro
linear relationship	Linéyéro tériya
liter	litéro
logic	tilinnin
logical argument	Kuma tilinin
logical reasoning	Khakilima tilinin
lowest terms	Termolu ménu kagnanta abéti
magnitude	magnitudo
make conjectures	Conjecturo kéé
manipulative (s)	manipulativo (lu)
map scale	scalocarto
mathematical argument	Mathématikalo kumo
mathematical ideas	Mathématiko khakilo
mathematical language	Mathématiko kanwo
mathematical phenomena	mphénoméno
mathematical relationships	Mathématiko tériya
mathematical statement	Mathématiko kuma kanwo
mean	moyin
mean (of a proportion)	moyin (proporsiyon la)
measure capacity	mésuro capacité
measures of central tendency	Centralo tendanso mésuro
median	médiano
methods of proof	togna kégnalu

## Mathematics Glossary – Intermediate School Level

English	Mandinka
metric system	Métriko sistémo
metric units of capacity	Métriko uni télu capacité
metric units of mass	Métriko unitélu fango
milliliter	millilitro
misleading	i filita
mixed numbers	Niméro gnakhama linwo
mode	modo
model (noun)	modélo (tokho)
model problems	Modélo problémolu
model situations	Modélo situasiyon
model using manipulatives	Modélo manipulativo lukégna
model (s)	modélo (lu)
models	modélo
monitor	monitoro
monomial	monomialo
multiple	multiplo
multiple representations	Multiplo réprésentasiyonlu
multiplicative inverse (reciprocal)	Multiplicativo inverso (réciprocalo)
multiply (multiplication)	kha multipliyé (multiplicasiyon)
natural numbers	nimérolufanwo
negative	négativo
nonadjacent side of a triangle	Trianglo coté minté adjacen ni
nonlinear equation	Equasiyon minté linéyérlin
nonlinear relationship	Tériya minté linéyérlin
non-perfect squares	Squaro muman Bén
non-repeating decimal	décimalo-man Bén
nonstandard representations	Réprésentasiyonlu minté standaro ti
non-terminating decimal	décimalominté-banna
not preserved	anténugulin
number line	Ligno niméro
number system	Niméro sistémo
numeric (arithmetic) expression	nimériko (arithmétiko)expréssiyon
numerical problem	nimérikopblémo
numerically	nimérikma
observe patterns	noolujibélo
operation	opérasiyon
operations with polynomials	polinomialu
order (verb)	yamaro (verbo)
order of operations	opérasiyonyamaro
ordered pair	Yamaropairo
organize work	Dookuwo organisélo
organized chart	Charto organisélo
organized list	Listo organisélo
parallel lines	Parallélo ligno
percent	percenwo

## Mathematics Glossary – Intermediate School Level

English	Mandinka
percent decrease	Purcenwo jiguita
percent increase	Purcenwo yéléta
percent of quantity	quantité purcenwo
perfect square	Squaro gnuma
perimeter	périméto
perpendicular bisector	Perpendiculéro bisectoro
personal references for capacity	Ifana référénsolu puru capacité
personal references for units of	Ifana référénsu puru untélu la
physical phenomena	Phisiko phénoméno
Pi( $\pi$ )	Pii ( $\pi$ )
pint	pinto
plot	fin néguéma
point	poinwo
polygon	poligono
polynomial	polinomialo
population	mokholu
positive	positivo
possible outcomes	Mimbé naring sikéno
power	simbo
predict	prédicto
pre-image	Imajo-folo
preserved	nugulinwo
prime factorization	primo factorisasiyon
probability	Assi kée wala anté kée lano
procedures	kégnalu
process of elimination	Fitalo takhagna
profit	tonno
properties of real numbers	Réyélo niméro propertélu
proportion	proportiyon
proportional reasoning	Proportalalo khakilima
proportionality	proportionalité
protractor	protactoro
Pythagorean theorem	Pythégoro théorémo
quadrant	quadranwo
quadratic equation	Quadranwo équasiyon
quadratics	quadratikolu
quadrilateral	quadrilatéralo
quart	quaro
radius	radiuso
range	ranjo
rate	rato
rate	rato
rate of change	ratofalinwo
rate of interest	ratointéré
ratio	ratioso

## Mathematics Glossary – Intermediate School Level

English	Mandinka
rational numbers	rationalo niméro
rationale	ratinolo
real numbers	réyélo niméro
reasonableness of a solution	khalima solusiyon
recognize connections	malono connecsiyon
record data	mará dula enregistrémanwo
rectangle	rectanglo
rectangular prism	rectanguléro prismo
reflect	reflecto
reflection	réflecsiyon
refute	khi ban
regular polygon	régularo poligono
relation	relasiyon
relative error	fililo relativo
relevant information	Kibaru kindéma
repeating decimal	décimalo minsi répété
results	résiltalu
rhombus	rhombuso
right angle	anglo mara
rotate	minimi
rotation	minimino
rotational symmetry	minimino simmétri
round (verb)	ronwo (verbo)
rule	réglo
Sale price	wafilo songo
Sales	wafilollu
sampling	samplin
scientific notation	Scientifiko notasiyon
sector	sectoro
segment bisector	ségmenwo bisectoro
similar triangles	Trianglolu bolinwo
simple interest	Intéré domading
simplify	kha nokhoya
simplify expressions	Ewpréssiyonlu nokhoyalin
slope	slopo
slope-intercept form	slopo- intercépto formo
social contexts	contextolu socialo
social phenomena	socialo phénoméno
solution	solusiyon
solution set	solusiyon réglélo
solution set of an equation	équasiyon solusiyon réglélo
solution set of an inequality	Inéquasiyon solusiyon réglélo
solutions	solusiyonlu
solve	tobin
solve a simpler problem	khé problémo kiling tobin

## Mathematics Glossary – Intermediate School Level

English	Mandinka
spatial reasoning	khakilima spatialo
special case (s)	spécial caso (lu)
square	squaro
square root	squaro lilo
standard form of a number	iméro standardo formo
standard representations	standaro réprésentasiyon
statistics	statistiko
straight edge	dan tilini
strategies	férolu
strategy selection	Féro talinwo
subset	gnamilo
substitute	min bulata anoma
supplementary angles	anglolu supplémentéro
supportive argument	kumo démala
surface area of prisms	santola dula prismo
surface area of cylinders	santola dula cilindrolu
symbols in verbal form	simbololu verbalo formo
symbols in written form	simbololu formo safélinwo
symmetry	simmitri
system of equations	équasiyon sistémo
system of inequalities	inéqualitélu sistémo
table of values	valorolu tablo
tax	taxo
technical writing	saféro techniko
term	termo
terminating decimal	décimalo la banwo
transformation	yélémalu
transformational geometry	géométri transformasiyonalo
translate	firin
translation	firino
transversal	transversalo
Trapezoid	Trapézo
Trial and error	Jugemenwo ani fililo
triangle	trianglo
trinomial	trinomialo
unlike denominators	dénominatoro minté kilin ti
valid approach	approcho bétémanwo
validity of sample methods	samplokégnalu la bétéya
variable	variablo
Venn diagram	Venn diagramo
verbal expression	verbalo expréssiyon
verbal form	verbalo formo
verbal sentence	verbalo fraso
verbal symbols	verbalo simbololu
verbally	verbalma

## Mathematics Glossary – Intermediate School Level

English	Mandinka
verify claims of others	doolu la gnininkarolu jibé
verify results	Résiltalu jibé
vertex	vertexo
vertical	verticalo
vertical angles	anglo verticalo
vertical line test	verticalo ligno tésto
vertical lines	verticalo lignolu
visualization	jéélo
volume	volumo
volume of a cylinder	cilindro volumo
volume of a prism	prismo volumo
whole number	niméro béé
width	bugna
work backwards	komalala
write an equation	équasiyon safé
Y-intercept	y-intercépto
zero property of multiplication	Zéro properti multiplicasiyon