

Glossary

Elementary School Level

Mathematics Glossary

English / Mandinka



Translation of Mathematics Terms
Based on the Coursework for
Mathematics Grades 3 to 5.

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





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MATHEMATICS - GRADE 3, 4, 5

ENGLISH	MANDINKA
about	okola
above	asanto
absolute value	valoro absoluwo
accurate	tilinninwo
accurately label work	dookuwo labelo tilininwo
act it out	a mana
acute angle	anglodadiman
acute triangle	trianglodadiman
add	aafu
addend	addendo
addition	kaffulo
addition fact	kuffulo facto
addition sentence	kaffulo phaso
addition sign	kaffulo signalo
additive inverses	kaffulinwo inverso
after	koma
afternoon	wraro
algebra	algébro
algebraic expression	algébrikoexpréssiyon
algebraic patterns	algébrikonoo
algebraic relationship	algébrikotériya
algebraically	algébrik ma
algorithm	algorithmo
alike	békiling
all	abé
all together	ibédalajélinwo
almost	donding
amount	songo
analog clock	analogo montoro
analyze	analaiso
angle	anglo
angles, adjacent	Anglolu, adjacenwo
answer	jabilo
ante meridian (a.m.)	ante méridianwo (a.m.)
apex	apexo
application	applicasiyon
apply	kée
approach	approcho
appropriate mathematical language	mathématikokumakanwomunsi bin
appropriate mathematical language organize work	mathématikokumakanwodookuwoorganisélo
arc	arco
area	dula
argument	kumo
argument / conjecture / counterexample	kumo / conjecturo / contéroexemplo
arithmetic (numeric) expression	arithmétiko (nimérik) expréssiyon
arithmetic expression	arithmétikoexpréssiyon

MATHEMATICS - GRADE 3, 4, 5

ENGLISH	MANDINKA
arithmetic fact	arithmétiko facto
arrange	tobinno
array	ranwon
as long as	foni
associative property	propertémumbédénni
attribute	tokhomumbala
autumn (fall)	autumno (boyo)
average	si takhafo
axis (axes)	axisso (axes)
bar graph	bara graph
base	baso
base of a 3-dimensional figure	dimensiyon sabo figuro baso
base of a parallelogram	parallélogramo baso
base of a polygon	poligono baso
base of a polyhedron	polihédrono baso
base of a rectangle	Réctanglo baso
base of a triangle	trianglo baso
base ten number system	niméro tangsistémó baso
before	janni
below	santo
beside between on	asimbotoatéma
big/bigger/biggest	warma/mu warata/mu warataabéti
bisect	bisecto
calculate	kha jatélo
calendar	calendaro
capacity	calendaro
cardinal numbers (1-10)	cardinalonimérolu (1-10)
cent	kémé
centimeter (cm)	centiméto (cm)
chance	chansso
charts	chartolu
circle	cérclo
circle graph	cérclographa
circumference	circumférenso
clarify	aséniya
classify triangles	trianglotalalinwo
closed figure	figurodatakhonin
coin	goddo
collaborate	dookuwokégnokhona
collection	camarilo
common	kiling
common denominator	dénominatorokiling
common multiple	multiplokiling
commutative property of addition	commucativopropertékaffulo
commutative property of multiplication	communicativopropertémultiplicasiyon
compare	khabognokhonto

MATHEMATICS - GRADE 3, 4, 5

ENGLISH	MANDINKA
compare numbers	niméroluminu bot
compatible numbers	nimérolucompatiblo
compensation	kha fandi
complementary angles	complémentarianglolu
compose a number	nimérocomposélinwo
compose shapes	sugucomposolo
composite number	nimérocomposito
concentric circles	concentrikocérclo
conclusion	conclusiyon
concrete representations	concrétoréprésentasyonlu
cone	cono
congruent	congruenwo
congruent triangles	congruenwotrianglo
conjecture	conjecturo
connect	connecté
consecutive	consécutivo
consecutive angles	consécutivoanglolu
constant	constanwo
construct	loro
contrast	contrasto
conversion fact	conversiyon facto
convert	convertiro
coordinate	coordinato
coordinate grid	coordinatogrido
coordinate plane	coodinato plano
corner	corno
corresponding angles	anglolucorrespondo
corresponding sides	cotélucorespondo
count back	contokoma
count backwards	contokomala
count on	conto kan
counterexample	contoexemplo
counting numbers	contélonimérolu
cube	cubo
cubic centimeter (cm ³)	cubikocentimétro (cm ³)
cubic unit	cubiko unité
cup (c)	copo (c)
currency symbols customary measurement system	Goddo simbolo lucliano sistémo mésuranwo
data	maradula
data frequency table	maradulafréquensotablo
day	lungwo
daylight	tiloto
decagon	décagono
decimal fraction	décimalofracsiyon
decimal number	décimaloniméro
decimal point	décimalopoinwo

MATHEMATICS - GRADE 3, 4, 5

ENGLISH	MANDINKA
decimeter	déciméto
decompose a number	khénimérolu tala
decompose shapes	sugutolita
decrease	ajiguita
decreasing sequences	séquenso jiguita
degree	dégré
degree measure of an angle	anglo mésurodégré
denominator	dénominatoro
density	densité
design	aformo
diameter	diaméto
differences	mun khi tala
digit	digito
digital clock	digitalomonturo
digits	digitolu
dime	dimo
dimension	bugna
discuss	kathiaa
distributive property	diiloproperté
divide	khatala
dividend	dividendo
divisibility test	talalignatésto
divisible	asitalano
divisible by	talanoani
division	talalo
divisor	talalilanwo
dodecahedron	dodécahédrono
dollar (\$)	dollaro (\$)
doubles minus one	minusofula
doubles plus one	fulaanikiling
doubling	kha fula ti
draw a graph	khéparagraphodéssiné
draw a picture	fotosafédéssiné
drawings	séssinolu
edge	adanwo
eight	say
elapsed time	Watobanta
ellipse	kuntulo
endpoint	pointwodanwo
equivalent equations	equivalenwoéquasiyon
equal (=)	equal (=)
equal to (=)	aninbékiling (=)
equation	équatiyon
equidistant marks	equidistansomarkolu
equilateral polygon	équilatéralopoligono
equilateral triangle	équilatéralotrianglo

MATHEMATICS - GRADE 3, 4, 5

ENGLISH	MANDINKA
equivalent	équilanwo
equivalent decimals	équivalenwodécimalolu
equivalent fractions	équivalenwofracsiyonlu
equivalent numerical expressions	équivalenwonimérikoépréssiyonlu
equivalent ratios	équivalenworasitioso
estimate	khé estimé
estimation	éstimasiyon
estimation strategies	éstimasiyonférolu
evaluate	khéévaluyé
even number	nimérokiling
evening	wura
event	tumo
examine	éxamino
example	éxemplo
expanded form	formojanjaninwo
experimental results	expérimentalorésitalu
explain	kha gnafo
explain mathematical relationships	mathématikotémalugnafo
explore	exploro
explore mathematical relationships	mathématikotémalalu exploré
exponential notations	exponentialonotatiyon
extend a pattern	noobugnalinwo
extend models	modelolubugnalinwo
extended fact	facto bugnalinwo
face	gnada
fact	facto
fact family (related facts)	badinwo facto (factoluminubémunuling)
factor (noun)	factoro (jamo)
factor (verb)	factoro (verbo)
factorial	factorialo
fair share	kunsino tala
fewer	dooya
fewer than	dooyakhétambi
fifths	tansabajanwo
first	folo
five	lulu
flip (reflection)	flipo (miro)
foot (ft.)	sinwo (ft.)
formula	formulo
formulate conclusions from graphs	conclusiyon dii khabographolu la
formulate predictions from graphs	prédicsiyon dii khébographolu la
four	nani
four-digit number	nimérodigitonani
fourth	nanijanwo
fraction	fracsiyon
frequency table	tablofrequenso

MATHEMATICS - GRADE 3, 4, 5

ENGLISH	MANDINKA
front-end estimation	gnatoladanwoéstimasiyon
gallon (gal)	gallonwo (gal)
generate solutions	solusiyon mu généréta
geometric fact	géométriko facto
geometric figure	géométrikofiguro
geometric pattern	géométrikonoo
geometric solid	géométrikosolido
geometry	géométri
gram (g)	gramo (g)
graphical representations	graphikoréprésentasiyonlu
graphs	grapholu
greater	munwarata
greater than (>)	waratakhétambi (>)
greatest	munwarataabéti
greatest common divisor (GCD)	divisorokilingmunwarataabéti (GCD)
greatest common factor (GCF)	factorokilingmunwarataabti (GCF)
grid	grido
group how many	grupo joli
guess	dunanwo
half hour	wato tala
halves	talalu
halving	talaloké
heavier	guliyalin
height	janjaya
height of a 3-dimensional figure	dimensiyonsabajanjayafiguro
height of a parallelogram	parallélogramojanjaya
height of a rectangle	réctanglojanjaya
height of a triangle	triangulojanjalu
heptagon	héptagono
hexagon	héxagono
higher	mun khé jan
horizontal	horizontalo
hour	horo
hour hand	buluhoro
hundred chart	chartokémé
hundred thousands	waakémé
hundred thousand million	million waakémé
hundreds	kémolu
hundreds places	plassikémolu
hundredths	kéméjanwo
hypotenuse	hipoténuso
icosahedron	icosahédrono
identify	malon
identify the problem	problémomalonno
element for addition	finwopurukaffulo
Identify element for multiplication	finwomalonpurumultiplicasiyon

MATHEMATICS - GRADE 3, 4, 5

ENGLISH	MANDINKA
impossible outcome	mimbénaringtékélano
improper fraction	fracsiyonkrunwo
inch (in)	inch (jan)
increase	ka kaffu
increasing sequences	do kaffutaséquensomuma
inequality	inéqualité
input values	Valoromundunta
Inscribed polygon	poligonosaféta
inside	kono
integer	intégrélo
interior angles	anglolumimb » kono to
interpret	firino
interpret models	modélolufirino
intersect	intersecto
intersecting lines	intersecsiyonlignolu
invalid approach	approchomunmanbété
inverse operations	opérasiyonluinverso
inverse property	propertéinverso
investigate	goddibo
irrational numbers	irrasitionaloniméro
irregular polygon	poligonoirrégilélin
irregular shape	sugoirr égiléro
irrelevant information	kibaronafricanwo
isosceles triangle	isosc élolutrianglo
justify	Ala kali
key sequence	séquenso clé
key to a graph	clé grapho
kilogram (kg)	kilogramo (kg)
kilometer (km)	kilométro (km)
kite	kito
label work	dookuwolabélo
language of logic (and, or, not)	kanwologiko (ani, wala, khanin)
large / larger / largest	awarat / munwarata / munwarataabéti
last	labanjanwo
least common denominator (LCD)	fo wodénominatorokiling (LCD)
least common multiple (LCM)	fowomultiplokiling (LCM)
leg of a right triangle	trianglo sing maraa
length	loo
less	améssi
less than (<)	améssikhétambi (<)
lighter	akhaféé
like (common denominator)	comu (dénominatorokiling)
likely	comu
line	ligno
line graph	lignographo
line of symmetry	lignosimmétriwo

MATHEMATICS - GRADE 3, 4, 5

ENGLISH	MANDINKA
line plot	lignoploto
line segment	lignoségmenwo
line symmetry	lignosimmétriwo
listen	alamoy
liter (L)	litro (L)
logical reasoning	tognandintilining
long / longer / longest	jan/munkhéjan/munjanjayatabéti
longer	mun khé jan
longer than	akhé jan khétambi
look for a pattern	khénoogninink
lower	min doyata
lowest terms (simplest form)	térmomunkhéjanabéti (formomunkagnatakhétambiabéti)
make a chart	chartoké
make a diagram	diagramoké
make an organized chart	chartoorganisélinwoké
make an organized list	listiorganisélinwoké
make conjectures	conjecturoké
make observations	jibéroké
map legend	cartolégendo
map scale	cartoscalo
mass	fango
match	marko
mathematical statements	mathématikokumolu
mathematics	mathématiko
mean	akhoto
measure	mésuro
measurement	kha mésuré
median	médiano
mental math	khakilimatho
meter (m)	météro (m)
metric system of measurement	khémétrikosistémomésuré
metric units of measure	métrikounitélumésuro
mile	longoro
milliliter (ml)	millilitro (ml)
millimeter (mm)	milliméto (mm)
millions	milliyonlu
minuend	minuendo
minus	moyin
minus sign	moyin signo
minute	minito
minute hand	minitibulo
mixed number	niméromimb é loringdulakiling
mode	modo
money	goddo
months of the year	sanwokarolu
more	siyaman

MATHEMATICS - GRADE 3, 4, 5

ENGLISH	MANDINKA
more than (>)	khésiyakhétambi (>)
more / most	siyaman / munsiyaabéti
morning	sakhoma
multiple	multipló
multiple representations	multiplóréprésentasyonlu
multiplicand	multiplícanwo
multiplication	multiplícasíyon
multiplicative inverses	multiplícatívo ínverso
multiplier	munsamultipliyé
multiply	kha multipliyé
negative number	niméronégatívo
negative rational numbers	niméroratíonalonégatívo
next	sínkoté
nickel	níckélo
night	suwoto
nine	khonoton
nonagon	nonagono
nonstandard measure	munmankéstandarotímésuro
nonstandard representations	mun mankéstandaroréprésentasyonlu
nonstandard units	mun mankéstandarounítéti
noon	tiloto
not equal to (!)	intékílinti (!)
not equal (≠)	intékílinti (≠)
number	niméro
number in words	kumulúniméro
number line	lignóniméro
number model	modéloniméro
number sentence	frasoniméro
number system	sistémoniméro
numeral	niméralo
numeration	nimérasíyon
numerator	nimératóron
numeric expression	uméríkoexpréssíyon
numeric patterns	numérikonoolu
numerical problems	numérikopróblémolu
numerically	nimérikma
objects	finwolu
objects created using technology	finwolúminúcréyétansítéknológíwotaa
obtuse angle	obtusóanglo
obtuse triangle	obtusótriánglo
octagon	cotogono
octagon parallel lines	cotogonoparállélolígnó
odd number	niméroazaro
one	kíling
one-digit number	nimérodígitókíling
ones	doron

MATHEMATICS - GRADE 3, 4, 5

ENGLISH	MANDINKA
one's place	ila plasso la
open figure	figurodayélélin
open sentence	frasodayélélin
operation	opérasiyon
operational method / operation	Opérasiyonkéгна / opérasiyon
oral representations	représentasiyonlukédaala
order	yamaro
order of operations	Opérasiyonyamaro
ordered number pair	niméropairoyamarita
ordinal number	niméroordinalo
organize	organisélo
organize work	dookuwoorganisélo
organize chart	chartoorganisélo
organize list	listoorganisélo
origin	abodula
ounce (oz.)	ouncé (oz.)
over	assanto
pan balance	pan balanso
parabola	parabolo
parallel lines	paralléloligno
parallelogram	parallélogramo
part	partiwo
part-to-part ratio	partiwo-ani-partiwo ratio
part-to-whole ratio	partiwo-aniratiolubéé
pattern	noo
penny	goddo
pentagon	pentagono
percent	purcenwo
perimeter	périméтро
perpendicular lines	perpendiculérolignolu
personal references	i fannaréfénso
per-unit rate	per-unité rato
physical models	modéloluphisiko
pi	pi
pictograph	pictographo
pictorial representations	pictorialoréprésentasiyonlu
pint (pt)	pinto (pt)
place value	Valoroplasso
plane	plano
plane figure	figuro plano
plot	ploto
plus	aning
point	poinwo
poll	sondajo
polygon	poligono
polyhedron	polihédrono

MATHEMATICS - GRADE 3, 4, 5

ENGLISH	MANDINKA
positive number	n iméropositivo
positive power of 10	positivosimbofo 10
positive rational numbers	nimérorationalopositivo
possible outcomes	mimbénaringsikéno
post meridian (p.m.)	post méridiano (p.m.)
pound (lb.)	livrogoddo (lb.)
power	simbo
power of 10	simbofo 10
predict	prédicto
prediction	prédicsiyon
prime factorization	factorisasiyon primo
prime number	primo niméro
prism	prismo
probability	asikéno
problem solving strategies	problémo gnabolo férolu
process of elimination	eliminasiyon takhagna
product	produwo
proper fraction	propo fracsiyon
property	properté
protractor	protractoro
pyramid	piramido
Pythagorean Theorem	Pithogono théorémo
quadrangle	quadranglo
quadrant	quadranwo
quadrilateral	quadrilatéralo
quart (qt)	quarto (qt)
quarter	quartéro
questions	gnininkarolu
quotient	quotienwo
radius	radiuso
random number	niméro sutunwo
randomly	khala sutuya
range	ranjo
rate	rato
ratio	ratio
rational number	rationalo niméro
rationale	rationalo
ray	rayo
real number	niméro reyélo
real world math	duna matho réyélo
real world situation	duna situasiyon réyélo
reasonable estimates	estimasiyon khakilima
reasonableness	amanké khakilola
reasonableness of a solution	amanké khakilima solusiyon ti
recognize	kha malon
rectangle	réctanglo

MATHEMATICS - GRADE 3, 4, 5

ENGLISH	MANDINKA
reference frame	référenso framo
regroup (regrouping)	regrupo(khi regroupé)
regular polygon	poligono regularo
regular polyhedron	polihédrono régularo
related facts	factolu mimba dinning
relation symbol	relasiyon simbolo
relevant information	kibaro nafamanwo
remainder	mun tuta
repeated addition	kaffulo répététa
repeated subtraction	subtraksiyon répététa
repeating decimal	décimalo mumbé répété khan
rhombus	rhombuso
right angle	anglo béto
rotation	minimino
round a number	niméro minin
rounding	mininlo
rule	rulo
ruler	ruléro
same	abékiling
sample space	samplo spasso
scale drawing	scalo déssino
scale on a graph	scalo bé grpho kan
scale to measure mass	scalo ké fango mésuré
scalene triangle	scaléno trianglo
scientific notation	scientifiko notasiyon
seasons in relation to the months	sama ani karolu téma
second	fulajan
sector	sectoro
semicircle	sémicérclo
set of data	maradula réglajo
set of objects	finwolu réglajo
seven	worowula
shape	sugo
share	talalo
shorter	khala sutuya
shorter than	khé sutuya khé tambi
show	yita
side	coté
similar figures	figuro boling
similar triangles	trianglo boling
similar triangles square	trianglo squaro boling
similarities	bolingna
simplest form	simplo st formo
simplify an expression	expréssiyon simpliyélin
simplify fractions	fracsiyon simplifiyé
single event	tumo kiling

MATHEMATICS - GRADE 3, 4, 5

ENGLISH	MANDINKA
single-event experiment	tumo-kiling espérimenwo
six	woro
sixth	woro njanwo
size	abugna
skip count	i pan conto la
slide (translation)	khé lagnokhonkan (translasiyon)
small / smaller / smallest	doyalin / min doyata / min doyata abéti
solid figure	figuro golémenwo
solution	solusiyon
solutions	solusiyonlu
solve	kha gnabo
solve a simpler problem	khé problémo gnabo
some	khako
sort	tobin
special case	spécialo ca
special case (s)	spécialo ca (wo)
speed	tariya
sphere	sphéro
spring	tilima
square	squaro
square array	squaro ranwo
square number	squaro niméro
square of a number	squaro niméro
square root of a number	squaro lilo niméro
square unit	squaro unité
standard measure	standaro mésuru
standard notation	standaro notasiyon
standard representation	standaro réprésentasiyon
standard representations	standara réprésentasiyonlu
standard units	standara unitélu
stem-and-leaf plot	stémo-ani fito ploto
step graph	stépo grapho
straight angle	anglo tilininwo
strategies	férolu
substitute	min siguita anola
substitution	sigui nola
subtract	subtracto
subtraction	subtracsiyon
subtraction fact	subtracsiyon facto
subtraction sentence	subtracsiyon fraso
subtraction sign	subtracsiyon signo
subtrahend	subtrahendo
sum	khako
summer	samaa
supplementary angles	anglo supplémentéro
survey	sondajo

MATHEMATICS - GRADE 3, 4, 5

ENGLISH	MANDINKA
symbols	simbolo
symbols in verbal form	simbolo kumo formo la
symbols in written form	simbololu saféro formo la
table	tablo
take away	takha ti
tall /taller / tallest	akhé jan / min khé jan / min khé jan abéti
tallies	tallilu
tally mark	talli marko
ten	tan
ten thousands	wuli tan
tens	tanlu
tens place	plassi tanlu
tenth	tanjanwo
term	termo
terminating decimal	décimalo bandula
tessellation	tésséllasiyon
theorem	théorémo
third	sabajanwo
thought process	miro takhagna
thousands	kéméfulalu
thousandth	kéméfula janwo
three	saba
three-digit number	niméro digito-saba
three-dimensional figure	dimensiyon figuro-saba
tiling	tuilinwo
time	wato
to challenge thinking	miri challenjo
to clarify thinking	khé miri la séniya
to elicit thinking	miri man séniya
to extend thinking	miri janjamanwo
together	mbé kaffo
ton	tono
translate	firinno
trapezoid	trapézoido
trial and error	trialo and filo
triangle	trianglo
true / false	togna / toгна nté
turn (rotation)	khé minin (minimino)
two	fula
two-digit number	niméro digito-fula
two-dimensional figure	dimensionalo figuro-fula
types of representations	représentasiyonlu sifalu
under	ajukhoto
understand	famuyalo
unit	unité
unit fraction	unitélu fracsiyon

MATHEMATICS - GRADE 3, 4, 5

ENGLISH	MANDINKA
unlike denominators	dénominatorolu n'tékiling
unlikely	n'tékilinti
use manipulatives	manupulatvolu taa
valid approach	approcho gnuma
value	valoro
variable	variablo
Venn diagram	Venn diagramo
verbal expression	expréssiyon verbalo
verbal form of reasoning	khakilima formo verbalo
verbal language	kumakanwo verbalo
verbal process	verbalo takhagna
verbal symbols	simbololu verbalo
verify claims of others	toolu la gnininkaro jibé
verify results	Résitalu jibé
vertex	vertexo
vertical	vertikalo
vertical angles	Vertikalo anglolu
volume	volumo
week	lokhokungwo
whole	abéé
whole number	niméro béé
whole numbers	nimérololu béé
whole unit	unite béé
width	widtho
winter	sama
work backwards	koma dookuwo
write an equation	équasiyon safé
written form of reasoning	khakilima formo safélinwo
written language	kumakanwo safélinwo
written representations	représentenwo safélinwo
written symbols	simbololu safélinwo
yard (yd)	banta (yd)
year	sanwo
zero	zéro
zero as the identify element in addition	zéro comi identité finwo kaffulo kono
zero property of addition	zéro properté kaffulo la
zero property of multiplication	zéro properté multiplicasiyon la