Glossary

Intermediate School Level

Mathematics Glossary

English / Wolof

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	Wolof
absolute value	Waleer apsoli
accurately label work	Ligeey bu gnu etikkeet bu baax
adapt	mengal
additive inverse	Inwersu bu gnu yooxu
adjacent	adsastan
adjacent side of a triangle	weetu adsastan bu tiriyangal
algebra	alseebur
algebraic equation	Ikuwaason alseebur
algebraic expression	Espereson alseebur
algebraic inequalities	Inikuwaason alseebur
algebraic pattern	Ni alseebur bindoo
algebraic solution	Soliison alseebur
algebraically	alseebirikma
alternate exterior angle	Benneen angalu biti
alternate interior angles	Benneen angalu biir
altitude	Diggante suuf ak kaw
analyze	jangatt
angle bisector	Angal bu rëd xaaj
angle pairs	Ŋaari angal
apply	apiliike
apply a variety of strategies	Appiliike pexe yu bëri
appropriate mathematical terms	Teermu matematiik yu mengo
approximation	xayma
arc	aarkk
area	sifaas
area of a circle	Sifaasu seerkal
argument	argima
arithmetically	armetiikama
associative property of addition	Poropiriyete boole bu adiison
associative property of multiplication	Poropiriyete boole bu miltipilikaason
base (of percent)	Baasu (pursan
base of a 2-dimensional shape	Baasu formu ŋaari dimason
base of a 3-dimensional shape	Baasu formu ŋeeti dimason
base ten number system	Baasu fuku sisteemu nonbur
binomial	ŋaar
bisector	bisekktiris
calculate	kaalkile
calculate distance	Kaalkiilu gudday
calculate unit price	Kaalkile njëgu inite
calculate volume	Kaalkiilu woliimu
Celsius	selsiis
central angle	Angal bu diggi
chord	buum
circle	seerkal
circle graph	Taraase seerkal

English	Wolof
circumference	Perimeetur
clarifying questions	Leeral keeson
coefficient	degeere
coherent	lonkoo
collaboration	lonkoo
combine like terms	Lonkoo teerm yi niroo
commission	komiison
commutative property of addition	Poropiriyete komitatif bu adiison
commutative property of multiplication	Poropiriyete komitatif bu miltipikaason
compare strategies	Konpaare pexe yi
compare unit price	Konpaare n jëggu inite
Compass	busool
complementary angles	Angal buy matal
compound events	Ewenma yu konpoose
comprehend	naand
conclusion	jeexantal
conduct	efektiye
congruent	Yu niroo isometiri
conjecture (noun)	Li neexuta werifie ci saas yi (tuur
conjecture (verb)	werb bu neexuta werifie ci saas yi
connections	lonkoo
consecutive integers	Ancce yu topalante
consolidate	deggërël
constraints	Jaffe jaffe
construction	defar
convert money	Soppi xaaliis
convert capacity within a given	Soppi doole ci biir joxe
convert mass within a given system	Soppi doole ci beenn sisteem
convert volume within a given system	Soppi wolliim ci beenn sisteem
convert within a given system	Soppi ci beenn sisteem
coordinate geometry	Soometiri bu lonkoo
corresponding angles	Angal yu korespondur
corresponding sides	Wett yu korespondur
counterexample	Weedi iksanpul
counting (natural) numbers	Liim nonbur (natreel
counting numbers	liim
cup	cuup
customary units of capacity	Doole inite jennd kat yi
customary units of mass	Maasu inite jend kat yi
data	donne
decode	Dindi koot
defend	aar
degree of a polynomial	Degeere polinoom
density	Bëri waay
dependent events	Eweenma bu depaandar

English	Wolof
describe	dekirir
develop formulas	Ay Foormiil yu dewelope
diameter	Jameetur
differentiate	wutële
dilate	taaweeku
dilation	Taaweeku waay
dimensions	dimaason
discuss	waxtaan
distance	gudday
distinguish	woonnewu
distributive property	poropiriyete
domain	bërëp
double bar graph	Bindum ŋaar baar
double line graphs	Bindum ŋaar r Bindum ŋaar rëd
draw a graph	deesine
draw a picture	Deesine nataal
draw conclusions	Binnd jeexantal
equation	ikuwaason
equation of a line	Ikuwaason rëd
equidistant	tollo
equivalent customary units of	Ikiwalan inite jënd kat yi
equivalent fractions	Ikiwalan farakson
equivalent numerical expressions	Espereeson numeriik
equivalent ratios	Ikiwalan raasiyo
estimate	xayma
evaluate	ewaliye
evaluate conjectures	Ewaliye yi neexuta xerifiye
evaluate efficiency	Ewaliye ifikaasite
exchange rate table	Weecc too wu taabal
expenses	Ay depaans
explain	leeralal
explore	espoloor
exponent	esponan
exponential form	Formu esponanseel
extend	tasaare
exterior angle	Angallu biti
extremes (of a proportion)	Yemukaay(xaaj yi
faces and bases	Faas ak baas yi
of cones	Bu koone
of cylinders	Bu silandar r
of prisms	Bu piriism
of pyramids	Bu piramiid
factor	faktoor
Fahrenheit	Faraxeet
favorable outcome	Resiilta bu baax

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English	Wolof
fixed distance	Gudday bu gnu regale
formally	formaalite
formula	foormiil
formulate	waax
formulate mathematically	Waax matemztiik
fraction	farakson
frequency	ferekans
frequency table	Tabulo ferekans
function	fonkson
function notation	Notaason fonkson
function rule	Reegalu fonkson
fundamental counting principle	Pereensipu limm bu dul dee ŋ
gallon	budoon
generalizations	seneraalisaason
geometric shape	Formu soometiri
geometry	soometiri
Graphically	natallu
gratuity	Amul faay
greatest common factor	Faktooru komo yu genne rëy
height	gudday
histogram	istogaraam
hypotenuse	ipoteniis
ideas	xalaat
identity	niroowaale
identity element	Elema bu niroo
identity property of addition	Reegal niroowaale bu yooxu
identity property of multiplication	Reegal niroowaale bu miltipilikaason
image	nataal
impossible outcomes	Resiilta yu mën ta neek
income	reweni
Indirect	Lu jubbul
inductive reasoning	Resonma bu lallu ci isperiyans
inequality	Gnak tolloo
informally	informelma
input values	Waleer yu teggu
integer	encce
integer coefficients	Koyefisan bu encce
integral	lëp
integral exponents	Beep esponan
interconnect	lonkoo
interest	interee
interest rates	Toowu interee
interior angles	Angallu biir
interpret	waax
interpret graphs	bindi

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English	Wolof
invalid approach	Aporoos bu walidul
inverse element	Elema inwers
inverse operation	Operaason bu inwers
investigate	wër
investigate conjectures	Wër yi gnu mën ta werifie ci saas yi
irrational numbers	Nonbur yu rasoneellul
irregular polygon	Poligoon bu ireegule
irrelevant information	Formaason bu amul soloo
justify	puruwe
language of logic (and, or, not)	Lakkum losiik (ak walla deet
law of exponents for division	Reegallu esponan purru xaaj
law of exponents for multiplication	Reegallu esponan purru miltipilikaason
law of exponents	Reegallu esponan
legs of a right triangle	Tanku tiriyangal rektangal
length	gudday
levels of precision	Niwo leeral
like (common) denominators	Denominaatoor yi (niroo
like terms	Teermu yi niroo
line	rëd
line graph	Taraase rëd
line symmetry	simetiri rëd
linear equation	Ikuwaason yi topante
linear inequalities	Inkuwaason yi topante
linear relationship	Lonkoo yi topante
liter	liitar
logic	losiik
logical argument	Argima losiik
logical reasoning	Resonma bu lallu ci losiik
lowest terms	Teermu bu genne ndaw
magnitude	rëyaay
make conjectures	Xool yi neexuta werifie ci saas yi
manipulative (s)	Xool xoolat
map scale	Eseelu kaarta
mathematical argument	Argima matematiik
mathematical ideas	Xalaatu matematiik
mathematical language	lakku matematiik
mathematical phenomena	Fenomeenu matematiik
mathematical relationships	Lonkoo matematiik
mathematical statement	Afirmaason matematiik
mean	matreel
mean (of a proportion)	Matreel xaaj
measure capacity	Naat kapaasite
measures of central tendency	Naatum tandaansu digg
median	mejaanu
methods of proof	Pexe puruwe

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English	Wolof
metric system	Sisteemu meetaraas
metric units of capacity	Inite naat bu kapaasite
metric units of mass	Inite naat bu maas
milliliter	milimeetaar
misleading	reeral
mixed numbers	Araaf yu jaxasoo
mode	modeelu
model (noun)	Modeelu(tuur
model problems	Modeelu porobeleem
model situations	Modeelu sitiyaason
model using manipulatives	Modeelu jëfëndikko jumtukay xool xoolat
model (s)	Ay modeel
models	modeel
monitor	Jangale kat
monomial	monoom
multiple	miiltiipul
multiple representations	Reperesantaason miiltiipul
multiplicative inverse (reciprocal)	Inwersu miltipilikaason (risiporook
multiply (multiplication)	miltipilikaason
natural numbers	Nonbur natreel
negative	budul
nonadjacent side of a triangle	Tiryangal bu weet yi adsaastan wul
nonlinear equation	Ikuwaason yu topalaante wul
nonlinear relationship	Lonkoo bu topalaante wul
non-perfect squares	Kaare bu parfee wul
non-repeating decimal	Disimaal bu dul dellu ci waat
nonstandard representations	Reperesaantaason estaandaarul
non-terminating decimal	Dicimaal bu jeexul
not preserved	Bi gnu deenccul
number line	Rëd nonbur
number system	Sisteemu nonbur
numeric (arithmetic) expression	Espereeson ariimetiik nonbur yi
numerical problem	Porobuleem nonbuur
numerically	Li ci nonbur
observe patterns	Lonkoo yi gnuy xool
operation	opeeraason
operations with polynomials	Operaason ak polinoom
order (verb)	Topalante weerb yi
order of operations	Lonkoo operaason yi
ordered pair	Lonkoo bu peer
organize work	Ligeey bu organiise
organized chart	Saartu bu organiise
organized list	Liist bu organiise
parallel lines	Rëd bu paraleel
Percent	pursan

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English	Wolof
percent decrease	pursantaas yooxute
percent increase	pursantaas wanŋi
percent of quantity	Pursaantaas kaantite
perfect square	Kaare bu parfe
perimeter	tuur
perpendicular bisector	Bisektiriis bu peerpandikileer
personal references for capacity	Refeerans ku neek ci wallu puwa
personal references for units of	Refeerans ku neek ci wallu inite bu
physical phenomena	Fenomeeni fisiik
Pi(TT)	Pii zu seerkal
pint	Xaaju litaar
plot	taraase
point	pogne
polygon	poligoone
polynomial	Li ci polnoome
population	Niitu dekk
positive	positiif
possible outcomes	Resiilta bu mënë neek
power	doole
predict	Waax li gnowaguul
pre-image	Laata nataal
preserved	dencc
prime factorization	Faktoorisaason bu jiitu
probability	porobaabilite
procedures	doxaliine
process of elimination	Doxaliine wanŋi
profit	bënëfiis
properties of real numbers	Poropiriyete nonbur reel yi
proportion	xaaj
proportional reasoning	Resonma xaaj
proportionality	xaajaal
protractor	Juntu kay naat angal
Pythagorean theorem	Teworeem pitaagor
quadrant	Ŋeenteelu xaaj seerkal
quadratic equation	Ikuwaason Ŋeenteelu xaaj seerkal
quadratics	kaare
quadrilateral	Figiir bu am Ŋeente weet yu tollo
quart	Ŋeenteelu xaaj
radius	reyon
range	raanse
rate	too
rate	Too
rate of change	Too wu soppite
rate of interest	Too wu intere
ratio	raasiyo

English	Wolof
rational numbers	Nonbuur rasiyo neel
rationale	rasiyoneel
real numbers	Kalkiilu solison
reasonableness of a solution	Solison bi mënë kaalkile
recognize connections	Xaamee lonkoo yi
record data	Denj donne yi
rectangle	rektangal
rectangular prism	Piriism bu rektangal
reflect	sandi
reflection	sandiim
refute	baaŋ
regular polygon	Poligoon bu regilee
relation	lonkoo
relative error	Jumte bu relaatif
relevant information	Xibaar yi am maana
repeating decimal	Disimaal buy dellu waat
results	resiilta
rhombus	losaans
right angle	Angal dura
rotate	wër
rotation	wërndeel
rotational symmetry	Simitiri bu raasoneel
round (verb)	wëral
rule	reegal
Sale price	Piri njaay
Sales	njaay
sampling	esantiyonaas
scientific notation	Marku siyantifiik
sector	b ërë
segment bisector	Sekma bisektiriis
similar triangles	Tiriyangal yu mengoo
simple interest	Intere bu ndaaw
simplify	wanŋi
simplify expressions	Wanŋi espereson
slope	pannt
slope-intercept form	Formu interseep bu pannt
social contexts	Konteeksu soosiyal
social phenomena	Fenomeenu sosiyaal
solution	soliison
solution set	Poose solison
solution set of an equation	Poose solison wu ikuwaason
solution set of an inequality	Poose solison wu inikuwaason
solutions	soliison
solve	kaalkiilu
solve a simpler problem	Resuudur porobeleem bu ndaw

English	Wolof
spatial reasoning	Resoonma ci espas
special case (s)	Porobeleemu espaas
square	kaare
square root	Rasiine kaare
standard form of a number	Formu estandaar bu nonbur
standard representations	Reperesantason bu estandaar
statistics	estatistiik
straight edge	Weet yu jubb
strategies	Ay pexe
strategy selection	Pexe wu seppi
subset	Suu ansanbul
substitute	ranpalaase
supplementary angles	Angal yu sipelemaater
supportive argument	Argima buy deggal
surface area of prims	Sirfaasu totaalu piriism
surface area of cylinders	Sirfaasu totaalu silindaar
symbols in verbal form	Mandarga ci ci formu webaal
symbols in written form	Mandarga ci ci formu biindi
symmetry	simitiri
system of equations	Sisteemu ikuwaason
system of inequalities	Sisteemu inkuwaason
table of values	Tabuloo waleer
tax	Li ci teegu
technical writing	nbindiinu
term	teermu
terminating decimal	Jeexantal disimaal
transformation	soppi
transformational geometry	Soppi soometiri
translate	taraadiir
translation	taraadison
transversal	taraanwersaal
Trapezoid	taraapees
Trial and error	Jeem ak jumte
triangle	tiriyangal
trinomial	tirinoom
unlike denominators	Deniminaatoor yi bokul
valid approach	Doxaliin bu wallabul
validity of sample methods	Pexe isaantiyonaas bu walaabul
variable	wariyaabul
Venn diagram	Jagaramu ween
verbal expression	Espereeson werbaal
verbal form	Formu verbaal
verbal sentence	Faraas bu am weerb
verbal symbols	Mandarga werbaal
verbally	werbaalma

English	Wolof
verify claims of others	Werifiye waxu yennen yi
verify results	Werifiye resilta
vertex	Pogne bu kawe
vertical	wertikaal
vertical angles	Angal wertikaal
vertical line test	Naat liignu wertikaal
vertical lines	liignu wertikaal
visualization	gis
volume	woliim
volume of a cylinder	Wolliimu sileendar
volume of a prism	Wolliimu piriism
whole number	Nonburu yëpp
width	Yaatu way
work backwards	Bërëp ligeey kay
write an equation	Binnd ikuwaason
Y-intercept	Inteerseet-y
zero property of multiplication	Poropiriyete miltipilikaason seero