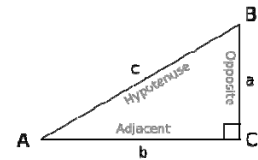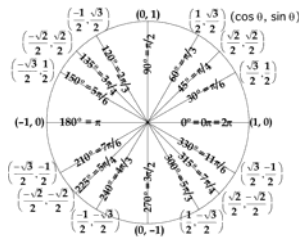Glossary

High School Level

Algebra 2 Glossary

English / Wolof

Translation of Algebra 2 & Trigonometry terms based on the Coursework for Algebra 2 & Trigonometry Grades 9 to 12.

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

ALGEBRA 2 & TRIGONOMETRY - HIGH SCHOOL LEVEL

ENGLISH	WOLOF
Problem Solving	**Saafara porobeleem**
algebraically	ci wallu alseebar
alternate approach	doxaliin bu wuute
collaborate	lonko
conjecture	tandus
constraint	Jafe jafe
critique	kritik
equivalent	Ikiwalan
evaluate	natt
explain	leeral
formulate	Wax
generalization	Seneralasaason
graphically	Ci nataal
interpret	firi
multiple representations	Reperesantaason yu b**ëri**
numerically	nimeriik
observe	Settlu
parameter	Parameter
strategy	Pexe
verbally	ci ay wax
Reasoning and Proof	**Resonma ak përëw**
argument	lay
axiom	aksiyom
conclusion	Jexantal
conjecture	tandus
counterexample	misaalu weddi
discover	Dekuwiriir
exact answer	tontu bu baax
explain	leeral
explore	Espolore
general case	Kaa seneraal
inductive reasoning	Resonma bu lalu ci isperiyaas
Informal indirect proof	Përëw bu jubbul bu nekkul ci yoon
investigate	gëstu
justify	Sistifiye
refute	Daq
specific result	Rsilta bu partikele
theorem	teworeem
Communication	**Wax**
accuracy	jub xocc
appropriate	Neexa jëfëndiko
challenge	Difiye
chart	tabulo

ALGEBRA 2 & TRIGONOMETRY - HIGH SCHOOL LEVEL

ENGLISH	WOLOF
coherent	lu mengo
comprehension	Nand
conjecture	tandus
decoding	dekode
diagram	jagaraam
equation	Ikuwaason
formula	Ay formiil
function	Fonkson
graph	Binnd
interpretation	firri
logical argument	lay bu jaar-yoon
mathematical representation	Reperesantaason kalkiil
numerical tables	tabulo nimerik
organize	Organiise
outline	Rëdd
rationale	Lalu ci xeel
reflect	Sandi
standard notation	Binnd bu dul soppi
strategy	Pexe
symbol	mandarga
technical writing	Pexe mbind
terminology	Jeexantal
validity	Walidite
verbal explanation	leeral ci kàddu
written explanation	leeralci mbind
Connections	**Ay lonkoo**
concept	ngëm-ngëm
conclusion	Jeexantal
formulate	Wax
multiple representation	Reperesantaason bu b**ëri**
physical model	modeelu fisiik
procedure	doxaliin
quantitative model	Liimu model
representation	Reperesantaason
Representation	**Reperesantaason**
algebraic representation	Repersantaason alseebur
apply	jëff
chart	tabulo
communicate	wax
compare	Natt
concept	ngëm-ngëm
diagram	Jagaraam
equation	Ikuwaason
explore	Espolore

ENGLISH	WOLOF
graph	Binnd
graphical representation	Reperesantaason nataal
investigate	gëstu
mathematical phenomena	fenomeenu kalkiil
multiple representations	Ay reperesantaason yu bëri
organize	Organiise
physical object	yëfu fisiik
physical phenomena	Fenomeenu fisiik
recognize	Xamme
record	denc
social phenomena	Ay fenomeenu sosete
symbol	mandarga
table	taabal
technology	teknolosi
translate	Soppi ci lakk
Number Sense and Operations	**Saansu nonbuur ak ay operaason**
a+bi form	a+bi moy joxxe
absolute value	waleer absoli
complex fraction	Farkson bu compeleks
complex number	Nonbuur kompeleks
conjugate	boole
direct variation	Wariyaason bu jubb
e	*e*
fractional exponent	Farakson esponanseel
i	*i*
imaginary number	Nonbur ci xeel
index of a radical	endeksu radikaal
inverse variation	Wariyaason bu dëppu
irrational number	Nonbur bu lalu wul ci xeel
negative exponent	Esponanseel bu neen
nth root	reenu n
operation	Operaason
pi	Pi
powers of *i*	dooley *i*
principal square root	perinsipu rasiine kaare l
procedure	doxaliin
radical	radikaal
radical form	Melokaan radikaal
radicand	radikànd
rational number	Nonbur bu lalu ci xeel
rationalize a denominator	Rasonalise denominator
real number	Nonbur bu baax
scientific notation	Binnd siyaans
sigma	sikma
sigma notation	Binnd sikma

ENGLISH	WOLOF
Algebra	**Alseebur**
abscissa	absis
absolute value	waleer absoli
absolute value equation	Ikuwaason waleer absoli
absolute value function	Fonkson waleer absoli
absolute value inequality	waleer absoli inikuwaason
adjacent angles	Angal yu daje
adjacent sides	wet yu daje
algebraic expression	Espereeson alseebar
algebraic representation	teewalug alseebur
ambiguous case	misaal bu leerul
amplitude	reyaay
analyze	Jangat
angle	Angal
angle in standard position	Angal ci taxawaay bu dul soppi
angle of depression	Angal bu wanŋi
angle of elevation	Angal bu kawe
antilogarithm	Antilogariitmu
approximate value	waleer bu xayma
arc length	guddaay ark
arccosine	Arku cosinu
arcsine	arku sinis
arctangent	fitt bu jub
area of a parallelogram using SAS	bërëp parallelogaraam buy jëfandikoo SAS
area of a triangle using SAS	bërëp tiriyangal buy jëfandikoo SAS
arithmetic sequence	Pacc artmetiik
arithmetic series	boole aritmetiik
asymptote	Asintoot
base	Baas
base of a logarithmic function	Baasu fonkson logaritmiik
base of an exponential function	baasu fonkson exponanseel
binomial expansion	yaatal bu ŋaaro
binomial theorem	teworeem bu ŋaaro
center-radius equation of a circle	Digg rayo ikuwaason wu serkal
central angle	Angal bu digg
circle	serkal
circular functions	Fonkson serkal
coefficient	Degere
cofunctions	ay fonkson
common base (s)	baas t bu (yu) bokk
common difference	wuute yu bokk
common factor	faktoor yu bokk
common logarithm	logariitm yu bokk
common ratio	Rasiyo yu bokk
completing the square	mattal kaare

ALGEBRA 2 & TRIGONOMETRY - HIGH SCHOOL LEVEL

ENGLISH	WOLOF
complex fractional expressions	Espereson farakson bu kompeleks
compositions of functions	Ay fonkson yu gnu boole
compound interest	Intere bu booloo
constant function	fonkson budul soppi
cosecant	kosekant
cosine	kosinis
cotangent	Yu jubb
degree of a polynomial	Degere polinoom
difference of two perfect squares	Wutte way ŋaari kaare yu parfe
direct variation	Wariyaaso bu jubb
discriminant	parparlo
domain	Bërëp
double and half angle formulas for trigonometric function	ay formiilu ŋaar ak génwàllu angal ngir fonkson trigonometiri
double root	ŋaari reen
e	*e*
equation	Ikuwaason
equivalent forms	Mbindiine iikiwaman
exact value	Waleer bu sust bu baax bi
expand a binomial	yaatal ab binom
explicit definition	Firi bu leer
exponential form	Melokaan esponaanseel
exponential function	Fonkson eksponanseel
extraneous root	reenu ekstaranus
factor	Faktor
fractional exponent	farakson bu esponanseel
frequency (of a periodic function)	ferekaansu (fonkson wu diir)
function	Fonkson
function notation	Binnd fonkson
geometric sequence	Pacc soometiri
geometric series	Kureel soometiri
graphical solution of equations	saafara nataalu ikuwaason yi
greatest common factor (GCF)	faktor kom bi gënë mag (FKk)
growth factor	maggaay faktor
half-life	genwàll-dunnd
i	*i*
identities	raŋeekay yi
initial side of an angle	wetu ndorteelu angal
inverse function	fonkson dëpp
inverse trigonometric functions	Fonkson tirigonometiri bu dëpp i
inverse variation	Wariyaason bu dëpp
law of Cosines	yooni kosinis
laws of Sines	yooni sinis
laws of exponents	yooni esponanseel
laws of logarithms	yooni logariitm
linear equation	Ikuwaason bu toppante

ALGEBRA 2 & TRIGONOMETRY - HIGH SCHOOL LEVEL

ENGLISH	WOLOF
linear expression	lay bu toppante
linear systems	sistem yu toppante
logarithm	logariitm
logarithmic form	melokaan logariitm
lowest terms	Termu yi gën a ndaw
nature of the roots	natiiru reen yi
negative exponent	Esponanseel bu neen
nth root	reenu neel
nth term	Termu neel
one cycle of a trigonometric function	Benn dem dikk bu fonkson wu tirigonometiri
one-to-one function	Fonkson wu been been
onto	ci kaw
opposite side in a right triangle	Wett jaakarlool angal dura
ordinate	digal
parabola	parabool
parameter	Parameter
period (of a function)	Diir (bu fonkson)
periodic function	Fonkson wu diir
phase shift	Soppi pacc
polynomial expression	Espereson wu polinoom
polynomial function	Fonkson wu polinoom
Powers of i	ay dooley i
Pythagorean identities	Ranŋeekayu pitaagor
quadrant angle	Angal kaadar
quadratic equation	Ikuwaason kaadar
quadratic formula	Formiilu kaadar
quadratic inequality	Inikuwaason e kaadar
quadratic trinomial	tirinominaalu kaadar
radius	Rayon yi
range (of a function)	Ranse (bu fonkson)
rational coefficient	Degere bu lalu ci xeel
rational equation	Ikuwaason bu lalu ci xeel
rational expression	Espereson bu lalu ci xeel
rational inequality	Inikuwaason bu lalu ci xeel
rationalize denominators	Lal ay denominatoor ci xeel
reciprocal trigonometric functions	ay fonkson tirigonomi yu resiporok
recursive definition	Firndeel buy faral di dellu waat
reference angle	Sukondiko kay angal
relation	Lonkolo
replacement	soppiten
represent	Reperesante
restricted domain	bërëp yemale
resultant	resiilta
right triangle trigonometry	Angal dura bu tirigonometiri
root of an equation	reenu ikuwaason
secant (of an angle)	sekant (bu ab angal)

ALGEBRA 2 & TRIGONOMETRY - HIGH SCHOOL LEVEL

ENGLISH	WOLOF
sigma notation	Binnd sikma
sine	siniis
solution set	saafara ansaambul
standard position (of an angle)	taxawaay bu dul soppi (bu ab angal)
subset	Su amsambul
sum and product or roots of a quadratic equation	boole ak porosiwi wala reeni ikuwaason kaadar
sum of an arithmetic series	boole ab guruupu aritmetiik
sum of a geometric series	boole ab guruupu soometiri
systems of equations/inequalities	Sisteemi ikuwaason / inikuwaason
tangent (of an angle)	Red bu jubb (bu ab angal)
technology	Teknolosi
terminal side of an angle	jexantalu ab angal
transformation	soppi
transformations of functions and relations	soppite ay fonkson ak ay lonkolo
trigonometric equation	Ikuwaason trigonometri
trigonometric functions	Fonkso wu trigonomertri
unit circle	inite serkal
variable	Variyaabul
vector	Wektor
vertical line test	Seytu rëdd bu wertikaal
zero of a function	fonkson bu neen
zero product property	Porodi neen poropiriyete
Geometry	**soometiri**
absolute value	waleer absoli
absolute value equation	Ikuwaason waleer absoli
absolute value inequality	Inikuwaason waleer absoli
angle in standard position	taxawaay angal bu dul soppi
angle of depression	Angal waŋi
angle of elevation	Angal bu kawe
area of a parallelogram using SAS	bërëp paralelogaraam buy jëfandikoo SAS
area of a triangle using SAS	bërëp tiriyangal buy jëfandikoo SAS
circle	Seerkal
coefficient	Degere
function	fonkson
generalize	Seneraliise
geometric representation of a circular function	reperesantaason sooometiri bu fonkson wu tiriyangal
graph of a relation	Binnd lonkolo
graphical representation	Reperesantaason nataal
graphical solution of equations	saafara nataalu ikuwaason
investigate	gëstu
ordered pair	ŋaari digal
parabola	parabool
rational coefficient	Degere bu lalu ci xeel
rectangular coordinates	Rektangal bu lonko

ENGLISH	WOLOF
relation	Lonkolo
root of an equation	reenu ab ikuwaason
sector of a circle	Pacc seerkal
slope	Pant
triangle	Tiriyangal
vertex	werteks
visualization	Li ŋuy gis
Measurement	**Naat**
arc length	guddaayu ark
degree measure	Degere naat
measure of central angle	Natt angalu digg
minute	simili
radian measure	Naat rajan
Statistics and Probability	**Estatiistik ak porobaabilite**
at least	gën gaa neew
at most	Li ëpp
Bernoulli experiments	Ispiriyaas Bernulli
biased sample	Isantiyon buñu beddi
bimodal	ŋaarel
binomial probability formula	formiilu porobaabilite ŋaarel
bivariate data	Ŋaar wariyete doné
central tendency	modeelu digg
combination	Boole
compound event	xew-xew yu boole
conjecture	tandus
controlled experiment	Ispiriyaas bi ŋu kontoroole
correlation coefficient	Degere yu lonko
counting principle	Pereesipu liim
exactly	Sustman
experimental probability	Ispiriyaasu porobaabilite
extrapolate	Geenn
frequency (of a data set)	Ferekaansu (bu doné yu teggu)
frequency distribution	Ferekaansu seddale
grouped frequency distribution	Fereekaasu seddale bi boole,
index in statistics	joxoŋ ci estatistiik
interpolate	sërëxël
interquartile range	Ranse diggante kartiil
least squares regression line	Rëd wanŋi kaare yumuj
line of best fit	rëdd teg bi gën a jot
linear regression	Wanŋeeku bu topalante eku bu jubb
mean	Firi
measure of central tendency	Naatum modeelu digg
measure of dispersion	Naatum tasaaro
median	mejaan

ALGEBRA 2 & TRIGONOMETRY - HIGH SCHOOL LEVEL

ENGLISH	WOLOF
mode	Modeel
normal curve	kurb bu jar yoon
normal distribution	seddele bu jar yoon
observation	Seetlu
outlier	pacc bu ñu wanñi
Pascal's triangle	Tiriyangal bu Pascal
percentile	persantiil
permutation	wecco
probability	Porobaabilite
quartiles	kartiil
random sample	Esantiyon asaar
range (of a data set)	Ranse wu (doné yu teggu)
regression equation	Ikuwaason buy wanŋeeku eku
regression model	model buy wanŋeeku
sample space	Espaasu isantiyon
scatter plot	suuf su tassaro
standard deviation (population)	Dewiyaason bu dul soppi (popilaason)
standard deviation (sample)	Dewiyaason bu dul soppi(isantiyon)
statistics	Estatiistik
survey	njanggat
technology	teknologi
theoretical probability	probaablite bu yem ci wax
univariate data	done bu dul soppi
variance (population)	Soppite(popilaason)
variance (sample)	Soppite(isantiyon)

Common Core Math Standard	ENGLISH	WOLOF
N-RN.B.3	non-zero rational number	limukaayu xelu bu bokkul ak neen
A-SSE.A.1	difference of squares, example: $(a^2 - b^2)$	wuuteek ñeenti koñ, misaal: $(a^2 - b^2)$
A-SSE.A.1	square of a difference, example: $(a - b)^2$	ñeenti koñi wuute, misaal: $(a - b)^2$
A-SSE.B.3	equivalent monthly interest rate	njëgu ñjëriñu weer bu tolloo
A-CED.A.1	exponential equation	ekuwaasioŋ eksponasiyel
A-CED.A.3	non-viable options (inequalities)	tànnéef yu baaxatul (ay ñàkk-tolloo)
A-CED.A.3	viable options (inequalities)	tànnéef yu baax (ay ñàkk-tolloo)
A-REI.A.1	viable argument	tegtal yu baax
A-REI.D.12	half-plane	genwàlu palaŋ
A-REI.D.11	logarithm function	man-manu logarithm
F-IF.C.8	piece-wise defined function	man-man buñ tekki cig pàcc
F-IF.C.8	step function	man-manu jéego
F-IF.C.8	absolute-value function	man-manu njëgu cosaan
F-BF.A.1	recursive process	doxaliin guy delluwaat
F-Bf.B.3	even function	man-manu xew-xew
F-BF.B.3	odd function	man-manu tóol
F-LE.A.1	constant percent rate	njëgu cig-ñaar-fukk budul soppeeku
S-ID.B.5	categorical data	njoxey kërale
S-ID.B.5	joint frequency	xél gu boolo
S-ID.B.5	marginal frequency	xél gu marginal
S-ID.B.5	conditional relative frequency	xélug bokk anam
S-ID.B.6	fit of a function	tollole ab man-man
S-ID.B.6	residuals	desits yi
S-ID.C.8	correlation coefficient	kowefisiyaa jokkale
S-ID.C.8	linear fit	tollole jubal
S-ID.C.9	correlation and causation	jokkale ak sababal
S-ID.C8	linearity	jubalaay
S-ID.C8	linear phenomenon	fenomenu jubal
N-Q.A.3	data point	tombu joxe
N.C.N.4	complex plane	palaŋ bu jafe
N.C.N.5	conjugation of complex numbers	limug nimero yu jafe
N-V.M.6	incidence relationship (payoff)	digante wàccug yoon (payoor)
N-Q.A.2	descriptive modeling	tëgginug xamle
S-REI.A.2	algebraic manipulation	teyeg algebrik

KEYS

N-Q = Number & Quantity
SSE = Seeing Structures in Expressions
RN = Real Number System
BF = Building Functions
ID = Interpreting categorical and quantitative Data
CED = Creating Equations Describing numbers or relationships

REI = Reasoning with Equations & Inequality
VM = Vectors & Metrix quantities
IF = Interpreting Functions
ID = Interpreting categorical and quantitative Data
APR = Arithmetic with Polynomials & Relational expressions