Glossary

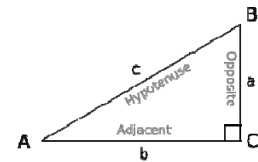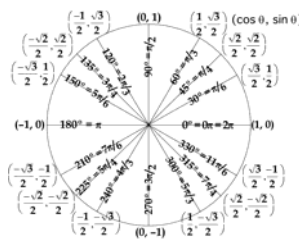## High School Level

Algebra 2 Glossary

English | Haitian Creole

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

This glossary is to PROVIDE PERMITTED TESTING ACCOMMODATIONS of ELL/MLL students. It should also be used for INSTRUCTION during the school year. The glossary may be downloaded, printed and disseminated to educators, parents and ELLs/MLLs.

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THE UNIVERSITY OF THE STATE OF NEW YORK

Regents of the University

Algebra 2 and Trigonometry

English	Haitian Creole
Problem Solving	**Fason pou rezoud pwoblèm**
algebraically	Aljebrikman
alternate approach	Metòd altène
collaborate	Kolabore
conjecture	Konjekti
constraint	Kontrent
critique	Kritik
equivalent	Ekivalan
evaluate	Evalye
explain	Esplike
formulate	Fòmile
generalization	Jeneralizasyon
graphically	Grafikman
interpret	Entèprèt
multiple representations	Reprezantasyon miltip
numerically	Nimerikman
observe	Gade
parameter	Paramèt
strategy	Estrateji
verbally	Vèbalman
Reasoning and Proof	**Rezònman ak Prèv**
argument	Agiman
axiom	Aksyòm
conclusion	Konklizyon
conjecture	Konjekti
counterexample	Kontegzanp
discover	Dekouvri
exact answer	Repons egzak
explain	Esplike
explore	Fè rechèch, Eksplore

Algebra 2 and Trigonometry

English	Haitian Creole
general case	Ka jeneral
inductive reasoning	Rezònman endiktif
informal indirect proof	Prèv enfòmèl endirèk
investigate	Envestige
justify	Jistifye
refute	Konteste
specific result	Rezilta espesifik
theorem	Teyorèm
Communication	**Kominikasyon**
accuracy	Presizyon
appropriate	Apwopriye
challenge	Konteste
chart	Graf
coherent	Lojik
comprehension	Konpreyansyon
conjecture	Konjekti
decoding	Dechifraj
diagram	Dyagram
equation	Ekwasyosn
formula	Fòmil
function	Fonksyon
graph	Grafik
interpretation	Entèpretasyon
logical argument	Agiman lojik
mathematical representation	Reprezantasyon matematik
numerical tables	Tab nimerik
organize	Òganize
outline	Dekri
rationale	Rezon
reflect	Reflechi
standard notation	Notasyon nòmal

Algebra 2 and Trigonometry

English	Haitian Creole
strategy	Estrateji
symbol	Senbòl
technical writing	Fason pou ekri dokiman teknik
terminology	Tèminoloji
validity	Validite
verbal explanation	Esplikasyon vèbal
written explanation	Esplikasyon alekri
Connections	**Koneksyon**
concept	Konsèp
conclusion	Konklizyon
formulate	Fòmile
multiple representation	Reprezantasyon miltip
physical model	Modèl fizik
procedure	Pwosedi
quantitative model	Modèl kantitatif
representation	Reprezantasyon
Representation	**Reprezantasyon**
algebraic representation	Reprezantasyon aljebrik
apply	Aplike
chart	Grafik
communicate	Kominike
compare	Konpare
concept	Konsèp
diagram	Dyagram
equation	Ekwasyon
explore	Eksplore
graph	Graf
graphical representation	Reprezantasyon grafik
investigate	Envestige
mathematical phenomena	Fenomèn matematik

Algebra 2 and Trigonometry

English	Haitian Creole
multiple representations	Reprezantasyon miltip
organize	Òganize
physical object	Objè fizik
physical phenomena	Fenomèn fizik
recognize	Rekonèt
record	Anrejistre, note
social phenomena	Fenomèn sosyal
symbol	Senbòl
table	Tablo
technology	Teknoloji
translate	Tradwi
Number Sense and Operations	**Sans nonm ak Operasyon**
a + bi form	Fòm a+bi
absolute value	Valè absoli
complex fraction	Fraksyon konplèks
complex number	Nonm konplèks
conjugate	Konjige
direct variation	Varyasyon dirèk
e	*e*
fractional exponent	Ekpozan fraksyonè
i	*i*
imaginary number	Nonm imajinè
index of a radical	Endèks yon radikal
inverse variation	Varyasyon envès
irrational number	Nonm irasyonèl
negative exponent	Ekspozan negatif
nth root	Rasin n-yèm
operation	Operasyon
pi	pi
powers of *i*	Pisans i
principal square root	Rasin kare prensipal

Algebra 2 and Trigonometry

English	Haitian Creole
procedure	Pwosedi
radical	Radikal
radical form	Fòm radikal
radicand	Radikann
rational number	Nonm rasyonèl
rationalize a denominator	Rasyonalize yon denominatè
real number	Nonm reyèl
scientific notation	Notasyon syantifik
sigma	Sigma
sigma notation	Notasyon sigma
Algebra	**Aljèb**
abscissa	Absis
absolute value	Valè absoli
absolute value equation	Ekwasyon valè absoli
absolute value function	Fonksyon valè absoli
absolute value inequality	Inekwasyon valè absoli
adjacent angles	Ang adjasan
adjacent sides	Kote adjasan
algebraic expression	Ekspresyon aljebrik
algebraic representation	Reprezantasyon aljebrik
ambiguous case	Ka anbigi
amplitude	Anplitid
analyze	Analize
angle	Ang
angle in standard position	Ang nan yon pozisyon estanda
angle of depression	Ang depresyon
angle of elevation	Ang elevasyon
antilogarithm	antilogarit
approximate value	Valè apwoksimatif
arc length	longè yon ak
arccosine	Kosinis yon ak

Algebra 2 and Trigonometry

English	Haitian Creole
arcsine	Sinis yon ak
arctangent	Tanjant yon ak
area of a parallelogram using SAS	Sifas yon paralelogram ak SAS
area of a triangle using SAS	Sifas yon triyang ak SAS
arithmetic sequence	Sekans aritmetik
arithmetic series	Seri aritmetik
asymptote	Asentòt
base	Baz
base of a logarithmic function	Baz yon fonksyon logarit
base of an exponential function	Baz yon fonksyon eksponansyèl
binomial expansion	Ekspansyon binomyal
binomial theorem	Teyorèm binomyal
center-radius equation of a circle	Ekwasyon sèk kote yo ranplase sant lan ak reyon an
central angle	Ang santral
circle	Sèk
circular functions	Fonksyon sikilè
coefficient	Koefisyan
cofunctions	Kofonksyon
common base(s)	Baz komen (yo)
common difference	Difirans komen
common factor	Faktè komen
common logarithm	Logarit komen
common ratio	Rapò komen
completing the square	Konplete kare
complex fractional expressions	Ekspresyon fraksyonè konplèks
composition of functions	Konpozisyon fonksyon
compound interest	Enterè konbiine
constant function	Fonksyon konstan
cosecant	Kosekant
cosine	Kosinis
cotangent	Kotanjant

Algebra 2 and Trigonometry

English	Haitian Creole
coterminal angles	Ang kotèminal
degree of a polynomial	Degre yon polinòm
difference of two perfect squares	Diferans de kare pafè
direct variation	Varyasyon dirèk
discriminant	Diskriminan
domain	Domèn
double and half angle formulas for trigonometric functions	Fòmil ang doub ak mwatye ang pou fonksyon trigonometrik
double root	Rasin doub
e	*e*
equation	Ekwasyon
equivalent forms	Fòm ekivalan
exact value	Valè egzak
expand a binomial	Espansyon yon binòm
explicit definition	Definisyon eksplisit
exponential form	Fòm eksponansyèl
exponential function	Fonksyon eksponansyèl
extraneous root	Solisyon derive
factor	Faktè
fractional exponent	Ekspozan fraksyonè
frequency (of a periodic function)	Frekans (yon fonksyon peryodik)
function	Fonksyon
function notation	Notasyon fonksyon
geometric sequence	Sekans jeyometrik
geometric series	Seri jeyometrik
graphical solution of equations	solisyon grafik ekwasyon
greatest common factor (GCF)	Pi gran faktè komen (GCF)
growth factor	Faktè kwasans
half-life	Demi vi
horizontal-line test	Tès liy orizontal
i	*i*
identities	idantite

Algebra 2 and Trigonometry

English	Haitian Creole
initial side of an angle	Kote inisyal yon ang
inverse function	Fonksyon envès
inverse trigonometric functions	Fonksyon envès trigonometrik
inverse variation	Varyasyon envès
Law of Cosines	Lwa Kosinis
Law of Sines	Lwa Sinis
laws of exponents	Lwa ekspozan
laws of logarithms	Lwa logarit
linear equation	Ekwasyon lineyè
linear expression	Ekspresyon lineyè
linear system	Sistèm lineyè
logarithm	Logarit
logarithmic form	Fòm logarit
lowest terms	Fòm ki pi senp lan
nature of the roots	Karakteristik rasin yo
negative exponent	Ekspozan negatif
nth root	Rasin n-yèm
nth term	Tèm n-yèm
one cycle of a trigonometric function	Yon sik yon fonksyon trigonometrik
one-to-one function	Fonksyon youn pou youn
onto	Aplikasyon sijetiv
opposite side in a right triangle	Kote opoze nan yon triyang rektang
ordinate	Òdone
parabola	Parabòl
parameter	Paramèt
period (of a function)	Peryòd (yon fonksyon)
periodic function	Fonksyon peryodik
phase shift	Defasaj
polynomial expression	Ekspresyon polinomyal
polynomial function	Fonksyon polinomyal
powers of i	Pwisans i
Pythagorean identities	Idantite Pitagò

Algebra 2 and Trigonometry

English	Haitian Creole
quadrantal angle	Ang kadran
quadratic equation	Ekwasyon kwadratik
quadratic formula	Fòmil kwadratik
quadratic inequality	Inekwasyon kwadratik
quadratic trinomial	Trinòm kwadratik
radian	Radyan
radical equation	Ekwasyon radikal
radical expression	Ekspresyon radikal
radius	Reyon
range (of a function)	Entèval (yon fonksyon)
rational coefficient	Koefisyan rasyonèl
rational equation	Ekwasyon rasyonèl
rational expression	Ekspresyon rasyonèl
rational inequality	Inekwasyon rasyonèl
rationalize denominators	Rasyonalize denominatè yo
reciprocal trigonometric functions	Fonksyon trigonometrik resipwòk
recursive definition	Definisyon rekisif
reference angle	Ang referans
relation	Relasyon
replacement set	Domèn
represent	Reprezante
restricted domain	Domèn restren
resultant	Reziltan
right triangle trigonometry	Trigonometri triyang rektang
root of an equation	Rasin yon ekwasyon
secant (of an angle)	Sekant (yon ang)
sigma notation	Notasyon sigma
sine	Sinus
solution set	Ansanm solisyon
standard position (of an angle)	Pozisyon estanda (yon ang)
subset	Souzansanm

Algebra 2 and Trigonometry

English	Haitian Creole
sum and product of roots of a quadratic equation	Total ak pwodwi rasin yon ekwasyon kwadratik
sum of a geometric series	Total ak pwodwi rasin yon ekwasyon kwadratik
sum of an arithmetic series	Total yon seri aritmetik
sum or difference formulas for trigonometric functions	Fòmil pou Total oswa Diferans yon fonksyon trigonometrik
system of equations/inequalities	Sistèm ekwasyon/inekwasyon
tangent (of an angle)	Tanjant (yon ang)
technology	Teknoloji
terminal side of an angle	Kote tèminal yon ang
transformation	Transfòmasyon
transformations of functions and relations	Transfòmasyon fonksyon ak relasyon
trigonometric equation	Ekwasyon trigonometrik
trigonometric functions	Fonksyon trigonometrik
unit circle	Sèk inite
variable	Varyab
vector	Vektè
vertical line test	Tès liy vètikal
zero of a function	Zewo yon fonksyon
zero product property	Zewo pwopriyete pwodwi
Geometry	**Jewometri**
absolute value	Valè absoli
absolute value equation	Ekwasyon valè absoli
absolute value inequality	Inekwasyon valè absoli
angle in standard position	Ang nan pozisyon estanda
angle of depression	Ang depresyon
angle of elevation	Ang elevasyon
area of a parallelogram using SAS	Sifas yon paralelogram ak SAS
area of a triangle using SAS	Sifas yon triyang ak SAS
circle	Sèk

Algebra 2 and Trigonometry

English	Haitian Creole
coefficient	Koefisyan
function	Fonksyon
generalize	Jeneralize
geometric representation of the circular function	Reprezantasyon jewometrik fonksyon sikilè a
graph of a relation	Graf
graphical representation	Reprezantasyon grafik
graphical solution of equations	solisyon grafik ekwasyon
investigate	Envestige
ordered pair	Nonm pè òdone
parabola	Parabòl
rational coefficient	Koefisyan rasyonèl
rectangular coordinates	Koòdone rektangilè
relation	Relasyon
root of an equation	Rasin yon ekwasyon
sector of a circle	Sektè yon sèk
slope	Pant
triangle	Triyang
vertex	Pwent, Vètèks
visualization	Vizyalizasyon
Measurement	**Mezi**
arc length	longè yon ak
degree measure	Mezi an degre
measure of central angle	Mezi ang sant lan
minute	Minit
radian measure	Mezi radyan
Statistics and Probability	**Estatistik ak Pwobablite**
at least	Omwen
at most	Opli
Bernouli experiments	Eksperyans Bernouli
biased sample	Echantiyon byeze

Algebra 2 and Trigonometry

English	Haitian Creole
bimodal	Bimodal
binomial probability formula	Fòmil pwobablite binomyal
bivariate data	Done ki gen de (2) varyab
central tendency	Tandans santral
combination	Konbinezon
compound event	Evènman konbine
conjecture	Konjekti
controlled experiment	Eksperyans kontwole
correlation coefficient	Koefisyan korelasyon
Counting Principle	Prensip pou konte
exactly	Egzakteman
experimental probability	Pwobablite eksperimantal
extrapolate	Estrapole (transpoze)
frequency (of a data set)	Frekans (yon gwoup done)
frequency distribution	Distribisyon frekans
grouped frequency distributions	Distribisyon frekans gwoupe
index in statistics	Endèks nan Estatistik
interpolate	Entèpole
interquartile range	Eka entèkwatil
least squares regression line	Liy regresyon ti kare yo
line of best fit	Dwat ki pi byen ajiste
linear regression	Regresyon lineyè
mean	Mwayèn
measure of central tendency	Mezi tandans santral
measures of dispersion	Mezi dispèsyon
median	Medyàn
mode	Mòd
normal curve	Koub nòmal
normal distribution	Distribisyon nòmal
observation	Obsèvasyon
outlier	Obsèvasyon irasyonèl
Pascal's Triangle	Triyang Pascal
percentile	Santil

Algebra 2 and Trigonometry

English	Haitian Creole
permutation	Pèmitasyon
probability	Pwobablite
quartiles	Kwatil
random sample	Echantiyon o aza
range (of a data set)	Entèval (yon gwoup done)
regression equation	Ekwasyon regresyon
regression model	Modèl regresyon
sample space	Espas echantiyon
scatter plot	Dyagram dispèsyon
standard deviation (population)	Devyasyon estanda (popilasyon)
standard deviation (sample)	Devyasyon estanda (echantiyon)
statistics	Estatistik
survey	Sondaj
technology	Teknoloji
theoretical probability	Pwobablite teyorik
univariate data	Done ki gen yon (1) varyab
variance (population)	Varyans (popilasyon)
variance (sample)	Varyans (echantiyon)

NYS Grades 9 – 12 Math Terms Addenda - HAITIAN

Common Core Math Standard	ENGLISH	HAITIAN
F-IF.C.8	absolute-value function	fonksyon valè absoli
S-REI.A.2	algebraic manipulation	manipilasyon aljebrik
S-ID.B.5	categorical data	done kategorik
N.C.N.4	complex plane	plan konplèks
S-ID.B.5	conditional relative frequency	frekans relatif kondisyonèl
N.C.N.5	conjugation of complex numbers	konjigezon nonm konplèks
F-LE.A.1	constant percent rate	to posantaj konstan
S-ID.C.9	correlation and causation	korelasyon ak kozalite
S-ID.C.8	correlation coefficient	koefisyan korelasyon
N-Q.A.3	data point	pwen done
N-Q.A.2	descriptive modeling	modelizasyon deskriptif
A-SSE.A.1	difference of squares, example: $(a^2 - b^2)$	diferans kare de (2) nonm
A-SSE.B.3	equivalent monthly interest rate	to enterè mansyèl ekivalan
F-Bf.B.3	even function	fonksyon pè
A-CED.A.1	exponential equation	ekwasyon esponasyèl
S-ID.B.6	fit of a function	ajistaj yon fonksyon
A-REI.D.12	half-plane	demiplan
N-V.M.6	incidence relationship (payoff)	relasyon ensidans (gany)
S-ID.B.5	joint frequency	frekans konbine, frekans ki depann de plizyè varyab
S-ID.C.8	linear fit	ajistaj lineyè
S-ID.C8	linear phenomenon	fenomèn lineyè
S-ID.C8	linearity	lineyarite
A-REI.D.11	logarithm function	fonksyon logaritmik
S-ID.B.5	marginal frequency	frekans majinal, distribisyon majinal
A-CED.A.3	non-viable options (inequalities)	opsyon ki pa vyab (inekwasyon)
N-RN.B.3	non-zero rational number	nonm rasyonèl ki pa zewo
F-BF.B.3	odd function	fonksyon enpè
F-IF.C.8	piece-wise defined function	fonksyon defini pa mòso
F-BF.A.1	recursive process	pwosesis ki repete
S-ID.B.6	residuals	rezidi
A-SSE.A.1	square of a difference, example: $(a - b)^2$	kare diferans
F-IF.C.8	step function	fonksyon an eskalye
A-REI.A.1	viable argument	agiman valid
A-CED.A.3	viable options (inequalities)	opsyon vyab (inekwasyon)

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