

# Glossary

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**High School Level**

## Integrated Algebra Glossary

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**English / Haitian**

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Translation of Integrated Algebra terms based on the Coursework for Integrated Algebra Grades 9 to 12.

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

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## Integrated Algebra

English	Haitian Creole
<b>Problem Solving</b>	<b>Rezoud pwoblèm</b>
algebraically	Aljebrikman
concept	Konsèp
conjecture	Konjekti
constraint	Kontrent
equivalent	Ekivalan
formulate	Fòmile
generalization	Jeneralizasyon
graphically	Grafikman
multiple representations	Reprezantasyon miltip
numerically	Nimerikman
parameter	Paramèt
pattern	Modèl
relative efficiency	Efikasite relatif
strategy	Estrateji
verbally	Vèbalman
<b>Reasoning and Proof</b>	<b>Rezònman ak Prèv</b>
appropriate	Apwopriye
approximation	apwoksimasyon
argument	Agiman
claim	Reklamasyon
conclusion	Konklizyon
conjecture	Konjekti
counterexample	Kontegzanp
explain	Esplike
inductive reasoning	Rezònman endiktif
logical argument	Agiman lojik
mathematical conjecture	Konjekti matematik
proof	Prèv
refute	rejte, refite
systematic approach	Metòd sistematik

## Integrated Algebra

English	Haitian Creole
validity	Validite
Venn diagram	Dyagram Venn
verify	Verifye
Communication	Kominikasyon
accuracy	Presizyon
analyze	Analize
argument	Agiman
coherent	Lojik
communicate	Kominike
comprehension	Konpreyansyon
conclusion	Konklizyon
conjecture	Konjekt
decoding	Dechifraj
elicit	Pwovoke
equation	Ekwasyon
evaluate	Evalye
extend	Ogmante
formula	Fòmil
function	Fonksyon
graph	Graf
interpretation	Entèpretasyon
mathematical visual	
rationale	Rezon, Lojik
standard (mathematical) notation	Notasyon estanda (matematik)
strategy	Estrateji
table	Tablo
technical writing	Fason pou ekri dokiman teknik
terminology	Tèminoloji
valid	Valid
Connections	Koneksyon
coherent whole	Ansanm byen ekilibre

## Integrated Algebra

English	Haitian Creole
concept	Konsèp
connection	Koneksyon
formulate	Fòmile
physical model	Modèl fizik
procedure	Pwosedi
quantitative model	Modèl kantitatif
representation	Reprezantasyon
<b>Representation</b>	<b>Reprezantasyon</b>
angle of elevation	Ang elevasyon
array	Aranjman
chart	Grafik
compare	Konpare
diagram	Dyagram
equation	Ekwasyon
function	Fonksyon
graph	Graf
interpret	Entèprèt
mathematical phenomena	Fenomèn matematik
organize	Òganize
physical phenomena	Fenomèn fizik
profit	Pwofi
record	Anrejistre
social phenomena	Fenomèn sosyal
symbol	Senbòl
table	Tablo
technology	Teknoloji
translate	Tradwi
<b>Number Sense and Operations</b>	<b>Sans nonm ak Operasyon</b>
absolute value	Valè absoli
algebraic problem	Pwoblèm aljèb
arithmetic operation	Operasyon aritmetik

## Integrated Algebra

English	Haitian Creole
arrangements (permutations)	Aranjman
associative property	Pwopriyete asosiyatif
closure property	Pwopriyete rapwochman
commutative property	Pwopriyete komitatif
counting techniques	Teknik pou konte
decimal	Desimal
denominator	Denominatè
discount	Rabè
distributive property	Pwopriyete distribitif
exponential expression	Ekspresyon eksponansyèl
expression	Ekspresyon
factorial	Factoryèl
field	Chan
fraction	Fraksyon
Fundamental Principle of Counting	Prensip fondamantal pou konte
group	Gwoup
identity property	Pwopriyete idantite
inverse property	Pwopriyete envès
like/unlike radical terms	Tèm radikal sanblab/ki pa pwobab
number theory	Teyori nimerik
numerator	Nimeratè
percent of increase/decrease	Pousantaj ogmantasyon/diminisyon
product	Pwodwi
properties of the Real numbers	Pwopriyete nonm reyèl
proportionality/direct variation	Varyasyon dirèk/pwopòsyonèl
quotient	Kosyan
radical	Radikal
radicand	Radikann
real numbers	Nonm reyèl
scientific notation	Notasyon syantifik
simplest form	Fòm pi senp
variable	Varyab

## Integrated Algebra

English	Haitian Creole
Algebra	Aljèb
acute angle	Ang egi
adjacent side/angle	Ang/kote adjasan
algebraic equation	Ekwasyon aljebrik
algebraic expression	Ekspresyon aljebrik
algebraic fraction	Fraksyon aljebrik
analyze	Analize
axis of symmetry	Aks simetri
binomial	Binòm
coefficient	Koefisyan
common base	Baz komen
complement of a subset	Komplemantè yon souzansanm
coordinates	Koòdone
cosine	Kosinus
dependent	Depandan
difference of two perfect squares	Diferans de kare pafè
element	Eleman
equation	Ekwasyon
exponent	Ekspozan
exponential growth and decay	Kwasans ak Degradasyon
expression	Ekspresyon
factoring	Mizanfaktè
fractional expression	Espresyon fraksyonèl
greatest common factor (GCF)	Pi gran faktè komen (GCF)
hypotenuse	Ipotenis
independent variable	Varyab endepandan
inequality	Inekwasyon
integer	Nonm antye relatif
integral coefficient	Koefisyan entegral
integral exponent	Ekspozan entegral
integral root(s)	Rasin entegral (yo)
intersection of sets	Entèseksyon ansanm

## Integrated Algebra

English	Haitian Creole
interval notation	Notasyon
lead coefficient	Koefisyan prensipal
legs of a right triangle	Kote Triyang rektang
line parallel to the x- or y-axis	Liy paralèl a aks x oswa aks y
linear equation in one variable	Ekwasyon lineyè ak yon varyab
linear inequality in one variable	Inekwasyon lineyè ak yon varyab
literal equation	Ekwasyon literal
lowest terms fraction	Fòm ki pi senp fraksyon an
monomial	Monòm
multiplication property of zero	Pwopriyete miltiplikasyon zero
opposite side/angle	Ang/kote opoze
parabola	Parabòl
parallel	Paralèl
polynomial	Polynòm
product	Pwodwi
properties of exponents	Pwopriyete ekspozan
proportion	Pwopòsyon
Pythagorean Theorem	Teyorèm Pithagore
quadratic equation	Ekwasyon kwadratik
quantitative	Kantitatif
quotient	Kosyan
ratio	Rapò
relation	Relasyon
right angle	Ang dwa
right triangle	Triyang rektang
root(s) of an equation	Rasin (yo) yon ekwasyon
roster form	Fòm lis
set	Ansanm
set-builder notation	Notasyon pou fòm ansanm
sine	Sinis
slope	Pant
solution set	Ansanm solisyon
subset	Souzansanm



## Integrated Algebra

English	Haitian Creole
sum	Sòm
system of linear inequalities	Sistèm inekwasyon lineyè
systems of linear equations	Sistèm ekwasyon lineyè
tangent	Tanjant
translate (from verbal to symbolic)	Tradwi (vèbal a senbòl)
trigonometry	Trigonometri
trinomial	Trinòm
undefined	Primitif, Endetèmine
union of sets	lyezon ansanm
universal set	Ansanm inivèsèl
variable	Varyab
verbal expression	Ekspresyon vèbal
verbal sentence	Fraz matematik vèbal
vertex	somè Vètèks
x-axis	Aks-x
y-axis	Aks-y
Geometry	Jewometri
absolute value function	Fonksyon valè absoli
angle	Ang
area	Sifas
axis of symmetry of a parabola	Aks simetri yon parabòl
circle	Sèk
coefficient	Koefisyan
cylinder	Silenn
decagon	Dekagòn
exponential function	Fonksyon esponansyèl
function	Fonksyon
generalize	Jeneralize
geometric shape	Fòm jewometrik
graph of a relation	Graf yon relasyon
hexagon	Ekzagòn
investigate	Envestige

## Integrated Algebra

English	Haitian Creole
nonagon	Nonagòn
octagon	Oktagòn
ordered pair	koup òdone
parabolic function	Fonksyon parabòlik
parallelogram	Paralelogram
pentagon	Pentagòn
perimeter	Perimèt
polygon	Poligòn
quadrilateral	Kwadriateral
quarter-circle	Ka yon sèk
rational coefficient	Koefisyan rasyonèl
rectangle	Rektang
rectangular solid	Solid rektangilè
regular polygon	Poligòn regilye
relation	Relasyon
rhombus	Lozanj
roots of a parabolic function	Rasin fonksyon parabolik
sector of a circle	Sektè yon sèk
semi-circle	Demisèk
spatial reasoning	Rezònman espasyal
square	Kare
surface area	Sipèfisi
trapezoid	Trapèz
triangle	Triyang
vertex	Somè, vètèks, Pwent
visualization	Vizyalizasyon
volume	Volim
<b>Measurement</b>	<b>Mezi</b>
appropriate unit	Inite apwopriye
conversion	Konvèsyon
cubic unit	Inite kib
error	Echè

## Integrated Algebra

English	Haitian Creole
linear measure	Mezi lineyè
linear unit	Inite lineyè
magnitude	Mayitid, Grandè
measurement system	Sistèm pou mezire
rate	Vitès
relative error	Erè relatif
square unit	Inite kare
unit	Inite
Statistics and Probability	Estatistik ak Pwobablite
appropriateness	sa ki apwopriye
biased	Sa ki byeze
bivariate	De varyab, Bidimansyonèl
box-and-whisker plot	Dyagram ki fèt ak bwat
calculated probability	Pwobablite yo kalkile
categorize	Klase
causation	Kozalite
central tendency	Tandans santral
complement	Konplemantè
conditional probability	Pwobablite kondisyonèl
correlation	Korelasyon
cumulative frequency distribution table	Tablo Frekans kimilatif tablo distribisyon
cumulative frequency histogram	Istogram frekans kimilatif
data	Done
dependent events	Evènman depandan
dependent variable	Varyab depandan
element	Eleman
empirical probability	Pwobablite anpirik
experimental design	Motif (desen) esperimantal
extrapolation	Estrapolasyon
favorable event	Evènman favorab
finite sample space	Espas senp fini
five statistical summary	Senk rezime estatistik

## Integrated Algebra

English	Haitian Creole
frequency distribution table	Tablo distribisyon frekans
histogram	Istogram
independent events	Evènman endepandan
independent variable	Varyab endepandan
interpolation	Entèpolasyon
line of best fit	Dwat ki byen ajiste
linear transformation	Transfòmasyon lineyè
maximum	Maksimòm
mean	Mwayèn
measure of central tendency	Mezi Tandans santral
median	Medyàn
minimum	Minimòm
mode	Mod
mutually exclusive events	Evènman enkonpatib
not mutually exclusive events	Evènman konpatib
percentile rank	Ran santil
probability	Pwobablite
qualitative	Kalitatif
quantitative	Kantitatif
quartiles (specifically: first, second, third or lower, middle, upper)	Katil (espesyalman : premye, dezyèm, twazyèm oswa pi ba, nan mitan, pi wo)
range	Entèval
sample space	Espas posiblite
scatter plot	dyagram dispèsyon
series	Seri
univariate	.....ak yon varyab

## 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.C.8	linear phenomenon	fenomèn lineyè
S-ID.C.8	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 & Matrix quantities

IF = Interpreting Functions

ID = Interpreting categorical and quantitative Data

APR = Arithmetic with Polynomials & Relational expressions