

# Glossary

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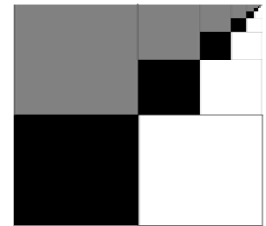
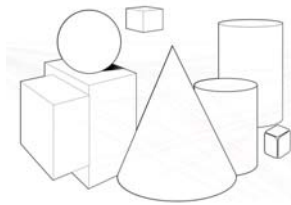
**High School Level**

## Geometry Glossary

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**English / Haitian**

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

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

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# Geometry

English	Haitian Creole
<b>Problem Solving</b>	<b>Rezoud pwoblèm</b>
AA triangle similarity	Similitid triyang AA
AAA triangle similarity	Similitid triyang AAA
AAS triangle congruence	Kongriyans triyang AAS
additive property of equality	Pwopriyete adisyon nan egalite
algorithm	Algorit
apply	Aplike
ASA triangle congruence	Kongriyans triyang AKA
conjecture	Konjekt, sipozisyon
constraints	Kontrent
construct	Konstwi
discover	Dekouvri
dynamic geometry software	Logijisyèl dinamik pou jeometri
explore	Esplòre
generalization	Jeneralizasyon
inductive reasoning	Rezònman endiktif
justify	Jistifye
parameters	Paramèt
reason	Rezon, Kòz
truth value	Endèks verite
valid argument	Agiman valab
<b>Reasoning and Proof</b>	<b>Rezònman ak Prèv</b>
AA triangle similarity	Similitid triyang AA
AAA triangle similarity	Similitid triyang AAA
AAS triangle congruence	Kongriyans triyang AAK
analytical proof	Prèv analitik
angle addition postulate	Postila sou adisyon ang
ASA triangle congruence	Kongriyans triyang ASA
axiom	Aksyòm
biconditional	Bikondisyonèl
conclusion	Konklizyon

## Geometry

English	Haitian Creole
conditional statement	Pwopozisyon kondisyonèl
conjecture	Konjekti, sipozisyon
conjunction	Entèseksyon
contradiction	Kontradiksyon
contrapositive of a statement	Kontrapozisyon yon fraz
converse of a statement	Kontrapoze yon pwopozisyon
counterexample	Resipwòk yon pwopozisyon
deductive proof	Prèv dediktif
deductive reasoning	Rezònman pou dediktif
definition	Definisyon
disjunction	Dijonksyon
dynamic geometry software	Lojisyèl dinamik pou jeometri
equivalence relation	Rapò ekivalans
Euclidean Parallel Postulate	Postila Eklid sou Paralèl
explain	Eksplike
geometry	Jewometri
hypotenuse and leg triangle congruence	Kongriyans ipoteniz ak kote triyang
hypothesis	Ipotèz
indirect proof	Prèv endirèk
inductive reasoning	Rezònman endiktif
inverse of a statement	Kontrè yon pwopozisyon
investigate	Envestige
justify	Jistifye
logical equivalent	Ekivalan lojik
negation	Negasyon
paragraph proof	Prèv pou paragraf
parallel postulate(s)	Postila sou paralèl (yo)
proof	Prèv, Demonstrasyon
proof by contradiction	Prèv pa kontradiksyon
proportional	Pwopòsyonèl
Pythagorean Theorem	Teyorèm <i>Pitagò</i>
reason	Rezon
reflexive property of equality	Propriyete refleksivite nan egalite

## Geometry

English	Haitian Creole
SAS triangle congruence	Kon griyans triyang KAK
SAS Similarity Theorem	Teyorèm similitid KAK
SSS triangle congruence	Kongriyans triyang KKK
substitution property	Pwopriyete sibstitisyon
subtraction property of equality	Pwopriyete soustrasyon nan egalite
symmetric property of equality	Pwopriyete simetri nan egalite
theorem	Teyorèm
transformational proof	Prèv transfòmasyonèl
transitive property of equality	pwopriyete tranzitivite nan egalite
truth value	Valè verite
two-column proof	Prèv sou de kolòn
undefined terms	Tèm endifini
union of sets	Inyon ansanm
valid argument	Agiman valib
Communication	Kominikasyon
axiom	Aksyòm
biconditional	Bikondisyonèl(ki gende kondisyon)
compound statement	Pwopozisyon konpoze
conclusion	Konklizyon
conditional statement	Pwopozisyon kondisyonèl
conjecture	Konjekt
conjunction	Entèseksyon
contrapositive of a statement	Kontrapoze yon pwopozisyon
converse of a statement	Resipwòk yon pwopozisyon
definition	Definisyon
disjunction	Dijonksyon
explain	Eksplike
hypothesis	Ipotèz
inverse of a statement	Kontrè yon pwopozisyon
justify	Jistifye
negation	Negasyon
theorem	Teyorèm

# Geometry

English	Haitian Creole
truth value	Valè verite
undefined terms	Tèm endifini
Connections	Koneksyon
apply	Aplike
compound locus	Lye jeometrik konbine
discover	Dekouvri
intersection of sets	Entèseksyon ansanm
investigate	Envestige
spatial relationships	Rapò espasyal
union of sets	Inyon ansanm
Representation	Reprezantasyon
analytical geometry	Jeometri analitik
coordinate geometry	Jeometri analitik
definition	Definisyon
Euclidean geometry	Jeometri eklidyen
function	Fonksyon
graphical representation	Reprezantasyon grafik
locus of points	Lye jeometrik pwen
logical equivalence	Ekivalans lojik
non-Euclidean geometry	Jeometri non-eklidyen
three dimensional space	Espas tridimansyonèl
transformational geometry	Jeometri transfòmasyonèl
two dimensional space	Espas bidimansyonèl
Geometric Relationships	Relasyon jewometri
AA triangle similarity	Similitid triyang AA
AAA triangle similarity	Similitid triyang AAA
AAS triangle congruence	Similitid triyang AAK
ASA triangle congruence	Similitid triyang AKA
absolute value	Valè absoli
acute angle	Ang egi
acute triangle	Triyang egi

## Geometry

English	Haitian Creole
adjacent angles	Ang adjasan
algebraic representation	Reprezantasyon aljebrik
alternate interior angles	Ang altèn entèn
Altitude	Wotè, Elevasyon, Altitid
analytical geometry	Jeometri analitik
angle	Ang
angle bisector	Bisektris ang
angle measure	Mezi ang
apothem	Apotèm
arc	Ak
arc measure	Mezi yon ak
area	Sifas, sipèfisi
axis of symmetry	Aks simetri
base	Baz
betweeness	Milye
bisector	Bisektris
center of a circle	Sant yon sèk
center of a regular polygon	Sant yon poligòn regilye
center of gravity	Sant gravite
central angle	Ang santral
central angle of a regular polygon	Ang santral yon poligòn regilye
centroid	Santroyid
chord	Kòd
circle	Sèk
circumcenter	Sikonsant
circumcircle (about a polygon)	Sèk ki sikonskri (yon poligòn)
circumference	Sikonferans
collinear points	Pwen kolineyè
common tangents	Tanjant komen
complementary angles	Ang konplemantè
concave polygon	Poligòn konkav
concentric circles	Sèk konsantrik
concurrent lines	Dwat konkouran

## Geometry

English	Haitian Creole
cone	Kòn
congruence	Kongriyans
conic sections	Seksyon konik
constant of proportionality	Konstant pwopòsyonalite
convex polygon	Poligòn konvèks
coordinate geometry	Jeometri analitik
coplanar	Koplanè
corresponding angles	Ang korespondan
corresponding parts	Pati korespondan
corresponding sides	Kote korespondan
cross-section	Koup transvèsal
cube	Kib
cylinder	Silenn
definition	Definisyon
diagonals	Dyagonal
diameter	Dyamèt
dihedral angle	Ang dyèd
distance	Distans
distance between a point and a line	Distans ant yon pwen ak yon dwat
distance between two parallel lines	Distans ant de dwat paralèl
distance between two points	Distans ant de pwen
dodecahedron	Dwodekayèd
ellipse	Elips
endpoint	ekstremite
equiangular	Ekiyang
equidistant	Ekidistan
equilateral triangle	Triyang ekilateral
equilateral polygon	Poligòn ekilateral
Euclidean Geometry	Jeometri eklidyen
Euclidean Parallel Postulate	Postila Eklid sou Paralèl
exterior	Eksteryè, Ekstèn
exterior angle	Ang eksteryè
external secant segment	Segman ekstèn yon sekant



## Geometry

English	Haitian Creole
face of a polyhedron	Fas yon polyèd
foot of an altitude	Baz yon altitud
function	Fonksyon
geometric mean	Mwayèn jewometrik
geometry	Jewometri
golden ratio	Nonm ann ò
golden rectangle	Rektang ann ò
great circle	Gran sèk
hemisphere	Emisfè
Heron's formula	Fòmil Ewon
hexagon	Egzagòn
hypotenuse	Ipoteniz
icosahedron	Ikosayèd
incenter of a polygon	Sant yon sèk enskri nan yon poligòn
inclination	Enklinezon
inscribed angle	Ang enskri
inscribed circle	Sèk enskri
intercepted arc	Ak (yon ang) entèsepte
intercepts	Entèseksyon
interior	Enteryè, Entèn
intersecting lines	Dwat sekant
isosceles trapezoid	Trapèz izosèl
isosceles triangle	Triyang izosèl
kite	Kap, sèvolan
lateral area of a prism	Sifas lateral yon pris
lateral edge	Arèt lateral
lateral face	Fas lateral
lateral surface	Sifas lateral
legs of a right triangle	Kote yon triyang rektang
legs of an isosceles trapezoid	Kote yon trapèz izosèl
length	Longè
line	Dwat, liy
line segment	Segman

## Geometry

English	Haitian Creole
linear pair	Pè lineyè
locus of points	Lye jeometrik pwen
major arc	Ak majè
mean proportional	Mwayèn pwopòsyonèl
measure of an angle	Mezi yon ang
measure of an arc	Mezi yon ak
median of a trapezoid	Medyàn yon trapèz
median of a triangle	Medyàn yon triyang
midpoint	Pwen ki nan mitan
midsegment	Pwen ki nan mitan segman
minor arc	Ak minè
n-gon	<i>n-gòn</i>
non-collinear	Ki pa kolineyè
non-coplanar	Ki pa koplanè
non-Euclidean geometry	Jeometri non-eklidyen
obtuse angle	Ang obti
obtuse triangle	Triyang obti
octagon	Oktagòn
octahedron	Oktayèd
opposite rays	Reyon opoze
orthocenter	Òtosant
orthogonal	Òtogonal
parabola	Parabòl
parallel line segments	Segman paralèl
parallel lines	Dwat paralèl
parallelepiped	Paralelepipèd
parallelogram	Paralelogram
pentagon	Pentagòn
perimeter	Perimèt
perpendicular bisector	Bisektris pèpandikilè
perpendicular bisector concurrence	Konkourans bisektris pèpandikilè
perpendicular lines	Dwat pèpandikilè
perpendicular planes	Plan pèpandikilè

## Geometry

English	Haitian Creole
pi	Pi
plane	Plan
point	Pwen
point of concurrency	Pwen konkourans
point of tangency	Pwen tanjans
polygon	Poligòn
polyhedron	Poliyèd
prism	Pris
product property of proportions	Pwopriyete pwodui nan pwopòsyon
proportional	Pwopòsyonèl
pyramid	Piramid
Pythagorean Theorem	Teyorèm Pitagò
quadrant	Kadran
quadratic equation	Ekwasyon kwadratik
quadratic formula	Fòmil kwadratik
quadrilateral	Kwadrilatè
radius	Reyon
ratio	Rapò
ray	Vektè
real numbers	Nonm reyèl
rectangle	Rektang
rectangular solid	Solid rektangilè
regular polygon	Poligòn regilye
remote interior angles	Ang enteryè elwaye
rhombus	Lozanj
right angle	Ang dwa
right triangle	Triyang rektang
scalene triangle	Triyang eskalèn
secant	Sekant
segment	Segman
segment of a circle	Segman yon sèk
semicircle	Demisèk
set	Ansanm

## Geometry

English	Haitian Creole
similar polygons	Poligòn sanblab
similar triangles	Triyang sanblab
simple quadrilateral	Kwadrilatè senp
skew lines	Dwat oblik
slant height	Wotè encline
slope	Pant
sphere	Esfè
square	Kare
supplementary angles	Ang siplemantè
surface area	Sipèfisi
tangent segment	Segman tanjant
tangent to a circle	Tanjant parapò ak yon sèk
tessellation	Dalaj
tetrahedron	Tetrayèd
three-dimensional space	Espas tridimansyonèl
topology	Topoloji
transformational geometry	Jewometri transfòmasyonèl
transversal	Transvèsal
trapezoid	Trapèz
triangle	Triyang
triangle inequality	Inegalite parapò ak triyang
trigonometry of the right triangle	Trigonometri triyang rektang
two-dimensional space	Espas bidimansyonèl
vector	Vektè
vertex	Somè
vertical angles	Ang vètikal
vertical line	Dwat vètikal
volume	Volim
x-axis	Aks x
x-intercept	Valè x kote li koupe aks absis la
y-axis	Aks y
y-intercept	Valè y kote li koupe aks òdone a
z-axis	Aks z

## Geometry

English	Haitian Creole
<b>Constructions</b>	<b>Konstriksiyon</b>
angle bisector	Bisektris ang
bisector	Bisektris
center of a regular polygon	Sant yon poligòn regilye
center of gravity	Sant gravite
circumcircle (about a polygon)	Sèk sikonskri (parapò ak yon poligòn)
compass	Konpa
construct	Konstwi
dynamic geometry software	Lojisyèl dinamik pou jeometri
perpendicular bisector	Bisektris pèpandikilè
perpendicular bisector concurrence	Konkourans bisektris pèpandikilè
perpendicular lines	Dwat pèpandikilè
straightedge	Règ ki gen kan dwat
<b>Locus</b>	<b>Lye jeometrik</b>
circle	Sèk
compound locus	Lye jeometrik konbine
ellipse	Elips
hyperbola	Ipèbòl
locus of points	Lye jeometrik pwen
parabola	Parabòl
<b>Formal and Informal Proofs</b>	<b>Prèv fòmèl ak prèv enfòmèl</b>
AA triangle similarity	Similitid triyang AA
AAA triangle similarity	Similitid triyang AAA
AAS triangle congruence	Kongriyans triyang AAK
ASA triangle congruence	Kongriyans triyang AKA
angle addition postulate	Postila sou adisyon ang
axiom	Aksyòm
biconditional	Bikondisyonèl
conclusion	Konklizyon
conditional statement	Pwopozisyon kondisyonèl
conjecture	Konjekt, sipozisyon

## Geometry

English	Haitian Creole
conjunction	Konjonksyon
contradiction	Kontradiksyon
contrapositive of a statement	Kontrapoze yon pwopozisyon
converse of a statement	Resipwòk yon pwopozisyon
counterexample	Kontegzanp
deductive reasoning	Rezònman dediktif
definition	Definisyon
disjunction	Disjonksyon
dynamic geometry software	Lojisyèl dinamik pou jeometri
equivalence relation	Rapò ekivalans
Euclidean Parallel Postulate	Postila Eklid sou Paralèl
hypotenuse and leg triangle congruence	Kongriyans ipoteniz ak kote triyang
indirect proof	Prèv endirèk
inductive reasoning	Rezònman endiktif
inverse of a statement	Kontrè yon pwopozisyon
justify	Jistifye
logical equivalent	Ekivalan lojik
negation	Negasyon
parallel postulate(s)	Postila sou paralèl
postulate	Postila
proof	Prèv, demonstrasyon
proof by contradiction	Prèv pa kontradiksyon
Pythagorean Theorem	Teyorèm Pitagò
reason	Rezon
reflexive property of equality	Pwopriyete refleksivite nan egalite
SAS triangle congruence	Kongriyans triyang KAK
SAS Similarity Theorem	Teyorèm similitid KAK
SSS triangle congruence	Kongriyans triyang KKK
substitution property	Pwopriyete sibstitisyon
subtraction property of equality	Pwopriyete soustrasyon nan egalite
symmetric property of equality	Pwopriyete simetri nan egalite
theorem	Teyorèm
transitive property of equality	Pwopriyete tranzitivite nan egalite
transformational proof	Prèv transfòmasyonèl

## Geometry

English	Haitian Creole
truth value	Valè verite
two-column proof	Prèv sou de kolòn
undefined terms	Tèm endifini
union of sets	Inyon ansanm
valid argument	Agiman valib
<b>Transformational Geometry</b>	<b>Jewometri transfòmasyonèl</b>
axis of symmetry	Aks simetri
center of a dilation	Sant yon dilatasyon
center of a rotation	Sant yon wotasyon
clockwise (orientation)	Nan sans wotasyon zegwi mont
composition	Konpozisyon
constant of proportionality	Konstant pwopòsyonalite
contraction	Kontraksyon
counterclockwise (orientation)	Nan sans kontrè wotasyon zegwi mont
dilation	Dilatasyon
direct transformation	Transfòmasyon dirèk
domain	domèn
dynamic geometry software	Lojisyèl dinamik pou jeometri
fixed point	Pwen fiks
function	Fonksyon
function notation for transformations	Notasyon fonksyon pou transfòmasyon
glide reflection	Refleksyon translasyon
group	Gwoup
half-turn	Demi tou
identity	Idantite
image	Imaj
inverse of a transformation	Envès yon transfòmasyon
isometry	Izometri
mapping (function)	Aplikasyon, Transfòmasyon (fonksyon)
opposite transformation	Transfòmasyon opoze
orientation	Oryantasyon
preimage	Imaj avan

## Geometry

English	Haitian Creole
reflection	Refleksyon
rotation	Wotasyon
rotational symmetry	Simetri wotasyonèl
symmetry	Simetri
tessellation	Dalaj
transformation	Transfòmasyon
transformational geometry	Jeometri transfòmasyonèl
translation	Translasyon
<b>Coordinate Geometry</b>	<b>Jeometri Analitik</b>
abscissa	Absis
analytical geometry	Jeometri analitik
analytical proof	Prèv analitik
Cartesian coordinates	Koòdone katezyen
Cartesian plane	Plan katezyen
center-radius equation of circle	Ekwasyon sant-reyon yon sèk
coordinate	Koòdone
coordinate geometry	Jeometri analitik
coordinate plane	Plan katezyen
distance between two points	Distans ant de pwen
origin	Orijin
point slope equation of a line	Ekwasyon pwen-pant yon dwat
rectangular coordinates	Koòdone rektangilè
slope - intercept equation of a line	Ekwasyon pant-entèseksyon yon dwat
three-dimensional space	Espas tridimansyonèl
two-dimensional space	Espas bidimansyonèl
vector	Vektè
x-axis	Aks x
x-intercept	Valè x kote li koupe aks absis la
y-axis	Aks y
y - intercept	Valè y kote li koupe aks odone a
z-axis	Aks z



## 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