

Glossary

High School Level

Integrated Algebra Glossary

English / Uzbek



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





THE STATE EDUCATION DEPARTMENT / THE UNIVERSITY OF THE STATE OF NEW YORK / ALBANY, NY 12234

P-16

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High School Integrated Algebra

ENGLISH	UZBEK
Problem Solving	Masala yechish
algebraically	algebra usulida
concept	tushuncha
conjecture	taxmin, gipoteza
constraint	cheklovlar
equivalent	ekvivalent, ekvivalentli, teng qiymatli
formulate	ifoda qilmoq, shakllantirmoq
generalization	umumlashtirish
graphically	grafikaga oid
multiple representations	ko'plab taqdimotlar
numerically	son ko'rinishida, raqam ko'rinishida
parameter	parametr
pattern	qonuniyat, takrorlanuvchi xossa
relative efficiency	nisbiy samaradorlik
strategy	usul, qoida
verbally	og'zaki
Reasoning and Proof	Asoslash va isbot
Appropriate	mos keluvchi
approximation	yaqinlashish, yaqinlashgan formula
argument	dalil
claim	talab
conclusion	xulosa
conjecture	taxmin, gipoteza
counterexample	teskari misol
explain	tushuntirmoq
inductive reasoning	induktiv xulosa
logical argument	mantiqiy dalil
mathematical conjecture	matematik taxmin, gipoteza
proof	isbot
refute	rad qilmoq
systematic approach	tizimli yondashuv
validity	ishonchlilik
Venn diagram	Venn diagrammasi
verify	tasdiqlamoq

High School Integrated Algebra

ENGLISH	UZBEK
Communication	
accuracy	aniqlik
analyze	tahlil qilmoq
argument	dalil
coherent	kelishilgan
communicate	aloqa o'rnatmoq, birga harakat qilmoq
comprehension	tushuncha, qamrov
conclusion	xulosa
conjecture	taxmin, gipoteza
decoding	dekodlash
elicit	aniqlamoq
equation	tenglama
evaluate	hisoblab chiqmoq, qiymatni topmoq
extend	davom ettirmoq, uzaytirmoq
formula	formula
function	funksya
graph	grafik, diagramma
interpretation	talqin
mathematical visual	matematik jihatdan vizual
rationale	asos
standard (mathematical) notation	sonni yozishning (darajalarni ko'rsatmasdan) standart formasi
strategy	usul, strategiya
table	jadval
technical writing	texnik xat
terminology	atamashunoslik, terminologiya
valid	haqiqiy
Connections	Bog'langanlik
coherent whole	bog'langan (ketma-ket) butun
concept	tushuncha
connection	bog'lanish
formulate	ifoda qilmoq, shakllantirmoq
physical model	fizik model
procedure	tartib

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ENGLISH	UZBEK
quantitative model	miqdor modeli
representation	taqdimot
Representation	Taqdimot
angle of elevation	yuksalish burchagi
array	to'plam, massa
chart	xarita, sxema, jadval, diagramma
compare	taqqoslamq
diagram	diagramma
equation	tenglama
function	funksiya
graph	grafik, diagramma
interpret	talqin qilmoq
mathematical phenomena	matematik hodisa
organize	tartibga solmoq, tashkil qilmoq
physical phenomena	fizik hodisa
profit	foyda
record	yozuv
social phenomena	ijtimoiy hodisa
symbol	ramz, belgi
table	jadval
technology	texnologiya
translate	ko'chirmoq, tarjma qilmoq
Number Sense and Operations	Sonni tushunish va sonlar bilan bajariladigan amallar
absolute value	mutlaq qiymat
algebraic problem	algebra masalasi
arithmetic operation	arifmetik amal
arrangements (permutations)	joy almashrishlar (birining o'rniga ikkinchisini qo'yish hollari)
associative property	birikish (assotsiativ) xossasi
closure property	eng oxirida bo'lish xossasi
commutative property	kommutativlik xossasi
counting techniques	sanoq texnikasi
decimal	o'nlik kasr

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ENGLISH	UZBEK
denominator	maxraj
discount	chegirma
distributive property	taqsimlash xossasi
exponential expression	daraja ifodasi
expression	ifoda
factorial	faktorial
field	dala
fraction	kasr
Fundamental Counting Principle	sanoqning fundamental prinsipi
group	guruh
identity property	aynan o'xshashlik xossa
inverse property	teskari xossa
like/unlike radical terms	o'xshash/o'xshamagan radikal hadlar
number theory	sonlar nazariyasi
numerator	surat
percent of increase/decrease	oshib borish/kamayish foizi
product	ko'paytma
properties of the Real numbers	haqiqiy sonlar xossalari
proportionality/direct variation	proporsionallik/ to'g'ri proporsional o'zgarish
quotient	bo'linma
radical	radikal, ildiz
radicand	ildizosti ifodasi; ildizosti soni
real numbers	haqiqiy sonlar
scientific notation	sonlarning eksponentsial taqdimoti (ko'paytirish va o'nlik darajaga ko'tarish bilan)
simplest form	eng oddiy shakl
variable	o'zgaruvchan kattalik
Algebra	Algebra
acute angle	o'tkir burchak
adjacent side/angle	turdosh tomon/burchak
algebraic equation	algebra tenglamasi
algebraic expression	algebra ifodasi
algebraic fraction	algebra kasri

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ENGLISH	UZBEK
analyze	tahlil qilmoq
axis of symmetry	simmetriya o'qi
binomial	ikki hadli
coefficient	koeffitsiyent
common base	umumiy asos
complement of a subset	kichik to'plam qo'shimchasi
coordinates	koordinatalar
cosine	kosinus
dependent	qaram
difference of two perfect squares	oddiy sonlar ikki kvadrating tafovuti
element	element
equation	Tenglama
exponent	daraja ko'rsatkichi
exponential growth and decay	ko'rsatkichlar o'sishi va so'nishi
expression	ifoda
factoring	ko'paytirivchilarga ajratish
fractional expression	kasrli ifoda
greatest common factor (GCF)	eng katta umumiy bo'luvchi (GCF)
hypotenuse	gipotenuza
independent variable	mustaqil o'zgaruvchan kattalik
inequality	tengsizlik
integer	butun son
integral coefficient	butun koeffitsiyent
integral exponent	integral daraja ko'rsatkichi
integral root(s)	butun son ildiz(lar)i
intersection of sets	to'plamlarning kesishuvi
interval notation	intervalni belgilash
lead coefficient	boshlang'ich koeffitsiyent
legs of a right triangle	to'g'ri uchburchak tomonlari
line parallel to the x- or y-axis	x-o'q yoki y-o'qqa parallel to'g'ri chiziq
linear equation in one variable	bitta o'zgaruvchan kattalikli chiziqli tenglama
linear inequality in one variable	bitta o'zgaruvchan kattalikli chiziqli tengsizlik
literal equation	harfli koeffitsiyenti bor tenglama
lowest terms fraction	qisqartirilmaydigan kasr

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ENGLISH	UZBEK
monomial	birhad
multiplication property of zero	nolning ko'paytirishdagi xossasi
opposite side/angle	qarama-qarsh tomon/burchak
parabola	parabola
parallel	parallel
polynomial	ko'phad
product	ko'paytma
properties of exponents	daraja ko'rsatkichi xossasi
proportion	proporsiya
Pythagorean Theorem	Pifagor teoremasi
quadratic equation	kvadrat tenglama
quantitative	miqdorga oid
quotient	bo'linma
ratio	nisbat
relation	aloqa
right angle	to'g'ri burchak
right triangle	to'g'ri uchburchak
root(s) of an equation	tenglama ildiz(lar)i
roster form	qayta hisoblash shakli
set	to'plam
set-builder notation	to'plamni yozib olish shakli
sine	sinus
slope	qiyalik
solution set	yechimlar to'plami
subset	kichik to'plam
sum	yi'gindi
system of linear inequalities	to'g'ri chiziqli tengsizliklar tizimi
systems of linear equations	to'g'ri chiziqli tenglamalar tizimi
tangent	tangens
translate (from verbal to symbolic)	o'zgartirmoq (so'zdan shartli belgilar shakliga)
trigonometry	trigonometriya
trinomial	uchhad
undefined	noaniq
union of sets	to'plamlar birikuvi

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ENGLISH	UZBEK
universal set	universal to'plam
variable	o'zgaruvchan kattalik
verbal expression	og'zaki ifoda
verbal sentence	og'zaki gap
vertex	cho'qqi
x-axis	x-o'q
y-axis	y-o'q
Geometry	Geometriya
absolute value function	mutlaq qiymat funksiyasi
angle	burchak
area	maydon
axis of symmetry of a parabola	parabolaning simmetriya o'qi
circle	aylana, doira
coefficient	koeffitsiyent
cylinder	silindr
decagon	o'nburchak
exponential function	eksponensial funksiya
function	funksiya
generalize	umumlashtirmoq
geometric shape	geometrik shakl
graph of a relation	bog'liqlik grafigi
hexagon	oltiburchak
investigate	aniqlamoq
nonagon	to'qqizburchak
octagon	sakkizburchak
ordered pair	tartiblangan juftlik
parabolic function	parabola funksiyasi
parallelogram	parallelogram
pentagon	beshburchak
perimeter	perimetr
polygon	ko'pburchak
quadrilateral	to'rt tomonli
quarter-circle	aylananing to'rtdan bir qismi
rational coefficient	ratsional koeffitsiyent (ko'phadniki)

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ENGLISH	UZBEK
rectangle	to'g'riburchak
rectangular solid	to'g'ri qirralari bor jism
regular polygon	muntazam ko'pburchak
relation	munosabat
rhombus	romb
roots of a parabolic function	parabola funksiyasi ildizlari
sector of a circle	aylanning bir bo'lagi
semi-circle	yarim aylana
spatial reasoning	fazoga oid mulohaza
square	kvadrat
surface area	yuza maydoni
trapezoid	trapetsiya
triangle	uchburchak
vertex	cho'qqi
visualization	ko'rgazmali qurollar asosida tushuntirish, vizuallash
volume	hajm
Measurement	O'lchash
appropriate unit	mos keluvchi birlik
conversion	o'zgartirish
cubic unit	kub birligi, hajm birligi
error	xato
linear measure	uzunlik o'lchovi
linear unit	chiziqli o'chov birligi
magnitude	modul (vektortniki)
measurement system	o'lchov tizimi
rate	me'yor, birlik ko'rsatkichi
relative error	nisbiy xato
square unit	maydon birligi
unit	o'lchov birligi
Statistics and Probability	Statistika va ehtimollik
appropriateness	muvofiqlik
biased	simmetrik bo'lmagan, siljigan

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ENGLISH	UZBEK
bivariate	ikki o'lchamli
box-and-whisker plot	"mo'ylovlari bor quti" ko'rinishidagi diagramma
calculated probability	hisob-kitob qilingan ehtimollik
categorize	toifalarga taqsimlamoq
causation	sabablar bog'liqligi
central tendency	o'rta qiymat
complement	qo'shimcha, qo'shimcha element
conditional probability	shartli ehtimollik
correlation	o'zaro bog'liqlik
cumulative frequency distribution table	yig'ilgan chastotalarning taqsimlash jadvali
cumulative frequency histogram	yig'ilgan chastotalarning gistogrammasi
data	ma'lumotlar
dependent events	bog'liq voqealar
dependent variable	bog'liq o'zgaruvchan kattalik
element	element
empirical probability	empirik ehtimollik
experimental design	eksperimental loyihalash
extrapolation	ekstrapolyatsiya
favorable event	qulay voqea
finite sample space	pirovard makonni tanlash
five statistical summary	beshta statistik yig'indi
frequency distribution table	chastotalarni taqsimlash jadvali
histogram	gistogramma
independent events	mustaqil voqealar
independent variable	mustaqil o'zgaruvchan qiymat
interpolation	interpolyatsiya
line of best fit	eng mos chiziq
linear transformation	chiziqli o'zgarish
maximum	maksimum
mean	o'rtacha qiymat
measure of central tendency	o'rtacha qiymarni o'lchash
median	mediana, o'rta chiziq
minimum	minimum
mode	usul

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ENGLISH	UZBEK
mutually exclusive events	bir-birini istisno qiluvchi voqealar
not mutually exclusive events	bir-birini istisno qilmaydigan voqealar
percentile rank	foizli daraja
probability	ehtimollik
qualitative	sifatga oid
quantitative	maqdorga oid
quartiles (specifically: first, second, third or lower, middle, upper)	kvertillar (xususan, birinchi, ikkinchi, uchinchi yoki quyi, o'rta, yuqori)
range	diapazon
sample space	misol tariqasidagi makon
scatter plot	tarqalish diagrammasi
series	qator, to'plam
univariate	bir o'lchamli