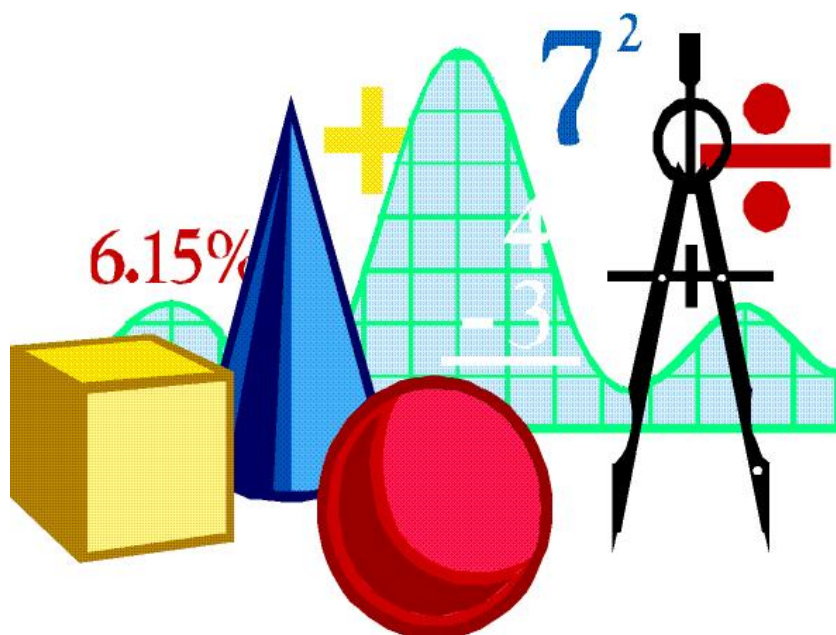


High School Level Math Terms Addenda

English - Swahili



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.

[Please click here for the New York State Office of Bilingual Education and World Languages Webpage on "Assessment and Testing Accommodations"](#)

NYS Grades 9 – 12 Math Terms Addenda

| Common Core Math Standard | ENGLISH | SWAHILI |
|---------------------------|---|---|
| N-RN.B.3 | non-zero rational number | namba uwiano isiyo na sifuri |
| A-SSE.A.1 | difference of squares, example: $(a^2 - b^2)$ | tofauti ya miraba, mfano: $(a^2 - b^2)$ |
| A-SSE.A.1 | square of a difference, example: $(a - b)^2$ | mraba wa tofauti, mfano: $(a - b)^2$ |
| A-SSE.B.3 | equivalent monthly interest rate | kiwango sawa cha riba ya kila mwezi |
| A-CED.A.1 | exponential equation | mlinganyo wa kipeo |
| A-CED.A.3 | non-viable options (inequalities) | njia mbadala zisizo na uhalisia (milinganyo isiyo sawa) |
| A-CED.A.3 | viable options (inequalities) | njia mbadala zenye uhalisia (milinganyo isiyo sawa) |
| A-REI.A.1 | viable argument | hoja yenye uhalisia |
| A-REI.D.12 | half-plane | nusu bapa |
| A-REI.D.11 | logarithm function | namba tegemezi ya logi |
| F-IF.C.8 | piece-wise defined function | mlinganyo nusu wa namba tegemezi uliofasiwa |
| F-IF.C.8 | step function | namba tegemezi ya hatua |
| F-IF.C.8 | absolute-value function | namba tegemezi ya thamani kamili |
| F-BF.A.1 | recursive process | mchakato wa kujirudia |
| F-Bf.B.3 | even function | namba tegemezi shufwa |
| F-BF.B.3 | odd function | namba tegemezi witiri |
| F-LE.A.1 | constant percent rate | kiwango cha kudumu cha asilimia |
| S-ID.B.5 | categorical data | data ainifu |
| S-ID.B.5 | joint frequency | idadi ya kijirudia unganifu |
| S-ID.B.5 | marginal frequency | idadi ya kujirudia halisi |
| S-ID.B.5 | conditional relative frequency | idadi ya kujirudia ya mahusiano ya masharti |
| S-ID.B.6 | fit of a function | kufaa kwa namba tegemezi |
| S-ID.B.6 | residuals | mabaki |
| S-ID.C.8 | correlation coefficient | kijenzi cha uwiano |
| S-ID.C.8 | linear fit | kufaa kulikonyooka |
| S-ID.C.9 | correlation and causation | uhusiano na sababu |
| S-ID.C8 | linearity | unyofu |
| S-ID.C8 | linear phenomenon | matukio ya kimsitari |
| N-Q.A.3 | data point | nukta ya data |
| N.C.N.4 | complex plane | ubapa changamani |
| N.C.N.5 | conjugation of complex numbers | mnyambuliko wa namba changamani |
| N-V.M.6 | incidence relationship (payoff) | uhusiano wa tukio (faida) |
| N-Q.A.2 | descriptive modeling | uundaji wa kimaelezo |
| S-REI.A.2 | algebraic manipulation | matumizi ya kialgebra |

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