

# Glossary

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## Elementary School Level

# Mathematics Glossary

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## English | Mandinka

Translation of Mathematics Terms Based on the Coursework for  
Mathematics Grades 3 to 5.

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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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## MATHEMATICS - GRADE 3, 4, 5

| ENGLISH  | MANDINKA                                  |
|--|---|
| about  | okola                                     |
| above  | asanto                                    |
| absolute value                                     | valoro absoluwo                           |
| accurate   | tilinninwo                                |
| accurately label work                              | dookuwo labelo tilininwo                  |
| act it out   | a mana                                    |
| acute angle  | anglo dadiman                             |
| acute triangle                                     | trianglodadiman                           |
| add  | aafu                                      |
| addend   | addendo                                   |
| addition   | kaffulo                                   |
| addition fact                                      | kuffulo facto                             |
| addition sentence                                  | kaffulo phaso                             |
| addition sign                                      | kaffulo signalo                           |
| additive inverses                                  | kaffulinwo inverso                        |
| after  | koma                                      |
| afternoon  | wraro                                     |
| algebra  | algébro                                   |
| algebraic expression                               | algébriko expréssiyon                     |
| algebraic patterns                                 | algébriko noo                             |
| algebraic relationship                             | algébriko tériya                          |
| algebraically                                      | algébrik ma                               |
| algorithm  | algorithmo                                |
| alike  | békiling                                  |
| all  | abé                                       |
| all together                                       | ibé dalajélinwo                           |
| almost   | donding                                   |
| amount   | songo                                     |
| analog clock                                       | analogo montoro                           |
| analyze  | analaiso                                  |
| angle  | anglo                                     |
| angles, adjacent                                   | anglolu,adjacenwo                         |
| answer   | jabilo                                    |
| ante meridian (a.m.)                               | ante méridianwo (a.m.)                    |
| apex   | apexo                                     |
| application  | applicasiyon                              |
| apply  | kéé                                       |
| approach   | approcho                                  |
| appropriate mathematical language                  | mathématiko kuma kanwo munsu bin          |
| appropriate mathematical language<br>organize work | mathématiko kuma kanwo dookuwo organisélo |
| arc  | arco                                      |
| area   | dula                                      |
| argument   | kumo                                      |
| argument / conjecture / counterexample             | kumo/ conjecturo/contéroexemplo           |
| arithmetic (numeric) expression                    | arithmétiko (nimériko) expréssiyon        |

## MATHEMATICS - GRADE 3, 4, 5

| ENGLISH                                | MANDINKA                               |
|--|--|
| arithmetic expression                  | arithmétiko expréssiyon                |
| arithmetic fact                        | arithmétiko facto                      |
| arrange                                | tobinno                                |
| array                                  | ranwon                                 |
| as long as                             | foni                                   |
| associative property                   | Properté mumbé dénni                   |
| attribute                              | Tokhomumbala                           |
| autumn (fall)                          | autumno (boyo)                         |
| average                                | Si takhafo                             |
| axis (axes)                            | axisso (axes)                          |
| bar graph                              | bara grapho                            |
| base                                   | baso                                   |
| base of a 3-dimensional figure         | Dimensiyon sabo-figurobaso             |
| base of a parallelogram                | Parallélogramo baso                    |
| base of a polygon                      | Poligono baso                          |
| base of a polyhedron                   | Polihédrono baso                       |
| base of a rectangle                    | Réctanglo baso                         |
| base of a triangle                     | Trianglo baso                          |
| base ten number system                 | Niméro tang sistémo baso               |
| before                                 | janni                                  |
| below                                  | santo                                  |
| beside between on                      | A simboto atéma                        |
| big/bigger/biggest                     | Warma/mu warata/mu warataabéti         |
| bisect                                 | bisecto                                |
| calculate                              | kha jatélo                             |
| calendar                               | calendaro                              |
| capacity                               | calendaro                              |
| cardinal numbers (1-10)                | Cardinalo nimérolu (1-10)              |
| cent                                   | kémé                                   |
| centimeter (cm)                        | centiméto (cm)                         |
| chance                                 | chansso                                |
| charts                                 | chartolu                               |
| circle                                 | cérclo                                 |
| circle graph                           | Cérclo grapho                          |
| circumference                          | circumférenso                          |
| clarify                                | aséniya                                |
| classify triangles                     | Trianglo talalinwo                     |
| closed figure                          | figuro daa takhonin                    |
| coin                                   | goddo                                  |
| collaborate                            | dookuwo kégnokhona                     |
| collection                             | camarilo                               |
| common                                 | kiling                                 |
| common denominator                     | Dénominatoro kiling                    |
| common multiple                        | multipto kiling                        |
| commutative property of addition       | commucativo properté kaffulo           |
| commutative property of multiplication | communicativo properté multiplicasiyon |

## MATHEMATICS - GRADE 3, 4, 5

| ENGLISH                             | MANDINKA                             |
|-------------------------------------|--------------------------------------|
| compare                             | kha bognokhonto                      |
| compare numbers                     | nimérolu minu bognokhoto             |
| compatible numbers                  | nimérolu compatiblo                  |
| compensation                        | kha fandi                            |
| complementary angles                | complémentéro anglolu                |
| compose a number                    | niméro composélinwo                  |
| compose shapes                      | sugu composolo                       |
| composite number                    | niméro composito                     |
| concentric circles                  | concentriko cérclo                   |
| conclusion                          | conclusiyon                          |
| concrete representations            | concréto représentasiyonlu           |
| cone                                | cono                                 |
| congruent                           | congruenwo                           |
| congruent triangles                 | congruenwotrianglo                   |
| conjecture                          | conjecturo                           |
| connect                             | connecté                             |
| consecutive                         | consécutivo                          |
| consecutive angles                  | consécutivo anglolu                  |
| constant                            | constanwo                            |
| construct                           | loro                                 |
| contrast                            | contrasto                            |
| conversion fact                     | conversiyon facto                    |
| convert                             | convertiro                           |
| coordinate                          | coordinato                           |
| coordinate grid                     | coordinato grido                     |
| coordinate plane                    | coodinato plano                      |
| corner                              | corno                                |
| corresponding angles                | anglolu correspondo                  |
| corresponding sides                 | cotélu correspondo                   |
| count back                          | contokoma                            |
| count backwards                     | conto komala                         |
| count on                            | conto kan                            |
| counterexample                      | conto exemplo                        |
| counting numbers                    | contélo nimérolu                     |
| cube                                | cubo                                 |
| cubic centimeter (cm <sup>3</sup> ) | cubiko centimétro (cm <sup>3</sup> ) |
| cubic unit                          | cubiko unité                         |
| cup (c)                             | copo (c)                             |
| currency symbols                    | goddo simbololu                      |
| customary measurement system        | dali kuwo mésuranwo sistémo          |
| data                                | mara dula                            |
| data frequency table                | mara dula fréquensotablo             |
| day                                 | lungwo                               |
| daylight                            | tiloto                               |
| decagon                             | décagono                             |
| decimal fraction                    | décimalo fracsiyon                   |

## MATHEMATICS - GRADE 3, 4, 5

| ENGLISH                    | MANDINKA              |
|----------------------------|-----------------------|
| decimal number             | décimalo niméro       |
| decimal point              | décimalo poinwo       |
| decimeter                  | déciméto              |
| decompose a number         | Khé nimérolu tala     |
| decompose shapes           | Sugu tolita           |
| decrease                   | ajiguita              |
| decreasing sequences       | séquensolu jiguita    |
| degree                     | dégré                 |
| degree measure of an angle | anglo mésuró dégré    |
| denominator                | dénominatoro          |
| density                    | densité               |
| design                     | aformo                |
| diameter                   | diaméto               |
| differences                | mun khi tala          |
| digit                      | digito                |
| digital clock              | digitalo montoro      |
| digits                     | digitolu              |
| dime                       | dimo                  |
| dimension                  | bugna                 |
| discuss                    | kathiaa               |
| distributive property      | diilo properté        |
| divide                     | khatala               |
| dividend                   | dividendo             |
| divisibility test          | talaligna tésto       |
| divisible                  | asi talano            |
| divisible by               | talalo ani            |
| division                   | talalo                |
| divisor                    | talalilanwo           |
| dodecahedron               | dodécahédrono         |
| dollar (\$)                | dollaro (\$)          |
| doubles minus one          | minusofula            |
| doubles plus one           | fulaanikiling         |
| doubling                   | Kha fula ti           |
| draw a graph               | Khéparagrapho safé    |
| draw a picture             | Fotosafé safé         |
| drawings                   | déssino               |
| edge                       | adanwo                |
| eight                      | say                   |
| elapsed time               | Watobanta             |
| ellipse                    | kuntulo               |
| endpoint                   | Pointwo danwo         |
| equivalent equations       | equivalenwo équasiyon |
| equal (=)                  | égalo (=)             |
| equal to (=)               | egale ani (=)         |
| equation                   | équatiyon             |
| equidistant marks          | equidistanso markolu  |

## MATHEMATICS - GRADE 3, 4, 5

| ENGLISH                            | MANDINKA                              |
|------------------------------------|---------------------------------------|
| equilateral polygon                | equilatéralo poligono                 |
| equilateral triangle               | equilatéralo trianglo                 |
| equivalent                         | équilanwo                             |
| equivalent decimals                | equivalenwo décimalolu                |
| equivalent fractions               | equivalenwo fracsionlu                |
| equivalent numerical expressions   | equivalenwo nimérikó éxpréssionlu     |
| equivalent ratios                  | equivalenwo rasiioso                  |
| estimate                           | khé estimé                            |
| estimation                         | éstimasiyon                           |
| estimation strategies              | estimasiyon férolu                    |
| evaluate                           | khé évaluyé                           |
| even number                        | niméro kiling                         |
| evening                            | wura                                  |
| event                              | tumo                                  |
| examine                            | éxamino                               |
| example                            | éxemplo                               |
| expanded form                      | formo janjaninwo                      |
| experimental results               | expérimentalo résitalu                |
| explain                            | kha gnafo                             |
| explain mathematical relationships | mathématiko tériya gnafolo            |
| explore                            | exploro                               |
| explore mathematical relationships | mathématiko tériyalu exploro          |
| exponential notations              | exponentialo notatiyon                |
| extend a pattern                   | noo bugnalinwo                        |
| extend models                      | modelolu bugnalinwo                   |
| extended fact                      | facto bugnalinwo                      |
| face                               | gnada                                 |
| fact                               | facto                                 |
| fact family (related facts)        | badinwo facto (factolu minubé déning) |
| factor (noun)                      | factoro (jamo)                        |
| factor (verb)                      | factoro (verbo)                       |
| factorial                          | factorialo                            |
| fair share                         | kunsino tala                          |
| fewer                              | dooya                                 |
| fewer than                         | dooyakhé tambi                        |
| fifths                             | tansaba janwo                         |
| first                              | folo                                  |
| five                               | lulu                                  |
| flip (reflection)                  | flipo (miro)                          |
| foot (ft.)                         | sinwo (ft.)                           |
| formula                            | formulo                               |
| formulate conclusions from graphs  | conclusiyon dii khabographolu la      |
| formulate predictions from graphs  | prédicsiyan dii khébographolu la      |
| four                               | nani                                  |
| four-digit number                  | Nimérodigitonani                      |
| fourth                             | nanijanwo                             |

## MATHEMATICS - GRADE 3, 4, 5

| ENGLISH                          | MANDINKA                                   |
|----------------------------------|--|
| fraction                         | fracsiyon                                  |
| frequency table                  | tablo fréquenso                            |
| front-end estimation             | gnatola danwo éstimasiyon                  |
| gallon (gal)                     | gallonwo (gal)                             |
| generate solutions               | solusiyon mu généréta                      |
| geometric fact                   | géométriko facto                           |
| geometric figure                 | géométrikofiguro                           |
| geometric pattern                | géométrikonoo                              |
| geometric solid                  | géométrikosolido                           |
| geometry                         | géométri                                   |
| gram (g)                         | gramo (g)                                  |
| graphical representations        | graphiko réprésentasiyonlu                 |
| graphs                           | grapholu                                   |
| greater                          | mun warata                                 |
| greater than (>)                 | warata khé tambi (>)                       |
| greatest                         | mun warata abéti                           |
| greatest common divisor (GCD)    | talalilanwo killing mun warata abéti (GCD) |
| greatest common factor (GCF)     | factoro killing mun warata abéti (GCF)     |
| grid                             | grido                                      |
| group how many                   | Grupo joli                                 |
| guess                            | dunanwo                                    |
| half hour                        | wato tala                                  |
| halves                           | talalu                                     |
| halving                          | talaloké                                   |
| heavier                          | guliyalin                                  |
| height                           | janjaya                                    |
| height of a 3-dimensional figure | dimensiyon- 3 janjaya figuro               |
| height of a parallelogram        | parallélogramo janjaya                     |
| height of a rectangle            | réctanglo janjaya                          |
| height of a triangle             | triangulo janjalu                          |
| heptagon                         | héptagono                                  |
| hexagon                          | héxagono                                   |
| higher                           | mun khé jan                                |
| horizontal                       | horizontalo                                |
| hour                             | horo                                       |
| hour hand                        | buluhoro                                   |
| hundred chart                    | charto kémé                                |
| hundred thousands                | waakémé                                    |
| hundred thousand million         | milliyon waakémé                           |
| hundreds                         | kémolu                                     |
| hundreds places                  | plassi kémolu                              |
| hundredths                       | kémé janwo                                 |
| hypotenuse                       | hipoténuso                                 |
| icosahedron                      | icosahédrono                               |
| identify                         | malono                                     |
| identify the problem             | problémo malonno                           |



## MATHEMATICS - GRADE 3, 4, 5

| ENGLISH                             | MANDINKA                             |
|-------------------------------------|--------------------------------------|
| element for addition                | finwo puru kaffulo                   |
| Identify element for multiplication | finwo malono puru multiplicasyon     |
| impossible outcome                  | mimbé naring tékélano                |
| improper fraction                   | fracsiyon krunwo                     |
| inch (in)                           | inch (jan)                           |
| increase                            | ka kaffu                             |
| increasing sequences                | do kaffuta séquenso muma             |
| inequality                          | inéqualité                           |
| input values                        | Valoro mun dunta                     |
| Inscribed polygon                   | Poligono saféta                      |
| inside                              | kono                                 |
| integer                             | intégrélo                            |
| interior angles                     | Anglolu mimbé kono to                |
| interpret                           | interpréto                           |
| interpret models                    | Modélolu interpéto                   |
| intersect                           | intersecto                           |
| intersecting lines                  | Intersecsiyon lignolu                |
| invalid approach                    | Approcho muman bété                  |
| inverse operations                  | Opérasiyonlu inverso                 |
| inverse property                    | Properté inverso                     |
| investigate                         | Goddi bo                             |
| irrational numbers                  | Irrasitalo niméro                    |
| irregular polygon                   | Poligonoirrégilélin                  |
| irregular shape                     | Sugo irrégiléro                      |
| irrelevant information              | Kibaro nafan tanwo                   |
| isosceles triangle                  | Isoscélolu trianglo                  |
| justify                             | Ala kali                             |
| key sequence                        | Séquenso clé                         |
| key to a graph                      | Clé grapho                           |
| kilogram (kg)                       | Kilogramo (kg)                       |
| kilometer (km)                      | Kilométro (km)                       |
| kite                                | kito                                 |
| label work                          | dookuwo labélo                       |
| language of logic (and, or, not)    | kanwo logiko (ani,wala,khanin)       |
| large / larger / largest            | A warat/ mun warata/mun warata abéti |
| last                                | labanjanwo                           |
| least common denominator (LCD)      | fowo dénominatoro killing (LCD)      |
| least common multiple (LCM)         | fowo multiplokiling (LCM)            |
| leg of a right triangle             | Trianglo sing maraa                  |
| length                              | loo                                  |
| less                                | améssi                               |
| less than (<)                       | Améssikhétambi (<)                   |
| lighter                             | Akhaféé                              |
| like (common denominator)           | Comu (dénominatoro killing)          |
| likely                              | comu                                 |
| line                                | ligno                                |

## MATHEMATICS - GRADE 3, 4, 5

| ENGLISH                      | MANDINKA   |
|------------------------------|--|
| line graph                   | Ligno grapho                                     |
| line of symmetry             | Ligno simmétriwo                                 |
| line plot                    | Ligno ploto                                      |
| line segment                 | Ligno ségmenwo                                   |
| line symmetry                | Ligno simmétriwo                                 |
| listen                       | alamoy   |
| liter (L)                    | litro (L)  |
| logical reasoning            | Khakilima logiko                                 |
| long / longer / longest      | Jan/munkhéjan/munjanjayatabéti                   |
| longer                       | mun khé jan                                      |
| longer than                  | akhé jan khétambi                                |
| look for a pattern           | Khé noo gnining                                  |
| lower                        | Min doyata                                       |
| lowest terms (simplest form) | Térmo munkhé jan abéti (formo munk féyata abéti) |
| make a chart                 | Charto ké  |
| make a diagram               | diagramo ké                                      |
| make an organized chart      | charto organisélinwo ké                          |
| make an organized list       | listo organisélinwo ké                           |
| make conjectures             | conjecturo ké                                    |
| make observations            | jibéro ké  |
| map legend                   | carto légendo                                    |
| map scale                    | carto scalo                                      |
| mass                         | fango  |
| match                        | marko  |
| mathematical statements      | mathématiko kumolu                               |
| mathematics                  | mathématiko                                      |
| mean                         | akhoto   |
| measure                      | mésuro   |
| measurement                  | kha mésuré                                       |
| median                       | médiano  |
| mental math                  | khakili matho                                    |
| meter (m)                    | météro (m)                                       |
| metric system of measurement | khémétriko sistémo mésuré                        |
| metric units of measure      | métriko unitélu mésuro                           |
| mile                         | longoro  |
| milliliter (ml)              | millilitro (ml)                                  |
| millimeter (mm)              | milliméto (mm)                                   |
| millions                     | milliyonlu                                       |
| minuend                      | minuendo   |
| minus                        | moyin  |
| minus sign                   | moyin signo                                      |
| minute                       | minito   |
| minute hand                  | minitibulo                                       |
| mixed number                 | niméro mimbé loring dula kiling                  |
| mode                         | modo   |
| money                        | goddo  |

## MATHEMATICS - GRADE 3, 4, 5

| ENGLISH                          | MANDINKA                                 |
|----------------------------------|--|
| months of the year               | Sanwo karolu                             |
| more                             | siyaman                                  |
| more than (>)                    | Khé siya khé tambi (>)                   |
| more / most                      | Siyaman /mun siyata abéti                |
| morning                          | sakhoma                                  |
| multiple                         | multiplu                                 |
| multiple representations         | Multiplu réprésentasyonlu                |
| multiplicand                     | multiplikanwo                            |
| multiplication                   | multipliasiyon                           |
| multiplicative inverses          | multiplikatibo inverso                   |
| multiplier                       | munsa multipliyé                         |
| multiply                         | kha multipliyé                           |
| negative number                  | niméro négativo                          |
| negative rational numbers        | niméro rationalo négativo                |
| next                             | sinkoté                                  |
| nickel                           | nickélu                                  |
| night                            | suwoto                                   |
| nine                             | khonoton                                 |
| nonagon                          | nonagono                                 |
| nonstandard measure              | Mun manké standaro mésuru ti             |
| nonstandard representations      | Mun manké standaro réprésentasyonlu ti   |
| nonstandard units                | Mun manké standaro unité ti              |
| noon                             | tiloto                                   |
| not equal to (!)                 | Inté kilinti (!)                         |
| not equal (≠)                    | Inté kilinti (≠)                         |
| number                           | niméro                                   |
| number in words                  | kumolu niméro                            |
| number line                      | ligno niméro                             |
| number model                     | modélu niméro                            |
| number sentence                  | fraso niméro                             |
| number system                    | sistému niméro                           |
| numeral                          | niméralo                                 |
| numeration                       | nimérasiyon                              |
| numerator                        | niméroron                                |
| numeric expression               | umérikoexpréssiyon                       |
| numeric patterns                 | Numérikonoolu                            |
| numerical problems               | Numérikoprobémolu                        |
| numerically                      | nimérikma                                |
| objects                          | finwolu                                  |
| objects created using technology | Finwolu minu créyéta ani téchnologiwo la |
| obtuse angle                     | Obtuso anglo                             |
| obtuse triangle                  | Obtuso trianglo                          |
| octagon                          | cotogono                                 |
| octagon parallel lines           | Cotogono parallélu ligno                 |
| odd number                       | Niméro azaro                             |
| one                              | kiling                                   |

## MATHEMATICS - GRADE 3, 4, 5

| ENGLISH                        | MANDINKA                     |
|--------------------------------|------------------------------|
| one-digit number               | Niméro digito kiling         |
| ones                           | doron                        |
| one's place                    | Ila plasso la                |
| open figure                    | Figuro dayélélin             |
| open sentence                  | Fraso dayélélin              |
| operation                      | opérasiyon                   |
| operational method / operation | Opérasiyon kéгна/opérasiyon  |
| oral representations           | Réprésentasiyonlu ké daala   |
| order                          | yamaro                       |
| order of operations            | Opérasiyon yamaro            |
| ordered number pair            | Niméro paio yamarita         |
| ordinal number                 | Niméro ordinalo              |
| organize                       | organisélo                   |
| organize work                  | Dookuwo organisélo           |
| organize chart                 | Charto organisélo            |
| organize list                  | Listo organisélo             |
| origin                         | Abo dula                     |
| ounce (oz.)                    | Ouncé (oz.)                  |
| over                           | A santo                      |
| pan balance                    | Pan balanso                  |
| parabola                       | parabolo                     |
| parallel lines                 | Paralléloligno               |
| parallelogram                  | parallélogramo               |
| part                           | partiwo                      |
| part-to-part ratio             | Partiwo- ani -partiwo ratio  |
| part-to-whole ratio            | Partiwo -aniratiolubéé       |
| pattern                        | noo                          |
| penny                          | goddo                        |
| pentagon                       | pentagono                    |
| percent                        | purcenwo                     |
| perimeter                      | périméto                     |
| perpendicular lines            | Perpendiculéro lignolu       |
| personal references            | I fanna référénsa            |
| per-unit rate                  | Per-unité rato               |
| physical models                | Modélolu phisiko             |
| pi                             | pii                          |
| pictograph                     | pictographo                  |
| pictorial representations      | Pictorialo réprésentasiyonlu |
| pint (pt)                      | Pinto (pt)                   |
| place value                    | Valoro plasso                |
| plane                          | plano                        |
| plane figure                   | Figuro plano                 |
| plot                           | ploto                        |
| plus                           | aning                        |
| point                          | poinwo                       |
| poll                           | sondajo                      |

## MATHEMATICS - GRADE 3, 4, 5

| ENGLISH                      | MANDINKA                      |
|------------------------------|-------------------------------|
| polygon                      | poligono                      |
| polyhedron                   | polihédrono                   |
| positive number              | Niméro positivo               |
| positive power of 10         | Posivito simbo fo 10          |
| positive rational numbers    | Niméro rationalo positivo     |
| possible outcomes            | Mimbé naring sikéno           |
| post meridian (p.m.)         | post méridiano (p.m)          |
| pound (lb.)                  | Livrogoddo( lb.)              |
| power                        | simbo                         |
| power of 10                  | Simbo fo 10                   |
| predict                      | prédicto                      |
| prediction                   | prédicsiyon                   |
| prime factorization          | Factorisasyon primo           |
| prime number                 | Primo niméro                  |
| prism                        | prismo                        |
| probability                  | asikéno                       |
| problem solving strategies   | Problémo gnabolo férolu       |
| process of elimination       | Eliminasiyon takhagna         |
| product                      | produwo                       |
| proper fraction              | Propo fracsiyon               |
| property                     | properté                      |
| protractor                   | protractoro                   |
| pyramid                      | piramido                      |
| Pythagorean Theorem          | Pithogono théorémo            |
| quadrangle                   | quadranglo                    |
| quadrant                     | quadranwo                     |
| quadrilateral                | quadrilatéralo                |
| quart (qt)                   | quarto (qt)                   |
| quarter                      | quartéro                      |
| questions                    | gnininkarolu                  |
| quotient                     | quotienwo                     |
| radius                       | radiuso                       |
| random number                | niméro sutunwo                |
| randomly                     | Khala sutuya                  |
| range                        | ranjo                         |
| rate                         | rato                          |
| ratio                        | ratio                         |
| rational number              | Rationalo niméro              |
| rationale                    | rationalo                     |
| ray                          | rayo                          |
| real number                  | niméro reyélo                 |
| real world math              | duna matho réyélo             |
| real world situation         | duna situasiyon réyélo        |
| reasonable estimates         | estimasiyon khakilima         |
| reasonableness               | amanké khakilola              |
| reasonableness of a solution | Amanké khakilima solusiyon ti |

## MATHEMATICS - GRADE 3, 4, 5

| ENGLISH                           | MANDINKA                   |
|-----------------------------------|----------------------------|
| recognize                         | Kha malon                  |
| rectangle                         | réctanglo                  |
| reference frame                   | référenso framo            |
| regroup (regrouping)              | regrupo(khi regroupé)      |
| regular polygon                   | Poligono regularo          |
| regular polyhedron                | Polihédrono régularo       |
| related facts                     | factolu mimba dinning      |
| relation symbol                   | Relasiyon simbolo          |
| relevant information              | Kibaro nafamanwo           |
| remainder                         | mun tuta                   |
| repeated addition                 | Kaffulo répététa           |
| repeated subtraction              | Subtracsiyon répététa      |
| repeating decimal                 | décimalo mumbé répété khan |
| rhombus                           | rhombuso                   |
| right angle                       | anglo béto                 |
| rotation                          | minimino                   |
| round a number                    | niméro minin               |
| rounding                          | mininlo                    |
| rule                              | rulo                       |
| ruler                             | ruléro                     |
| same                              | abékiling                  |
| sample space                      | Samplo spasso              |
| scale drawing                     | scalo déssino              |
| scale on a graph                  | scalo bé grpho kan         |
| scale to measure mass             | scalo ké fango mésuré      |
| scalene triangle                  | scaléno trianglo           |
| scientific notation               | scientifiko notasiyon      |
| seasons in relation to the months | sama ani karolu téma       |
| second                            | fulajan                    |
| sector                            | sectoro                    |
| semicircle                        | sémicérclo                 |
| set of data                       | maradula réglajo           |
| set of objects                    | finwolu réglajo            |
| seven                             | worowula                   |
| shape                             | sugo                       |
| share                             | talalo                     |
| shorter                           | Khala sutuya               |
| shorter than                      | khé sutuya khé tambi       |
| show                              | yita                       |
| side                              | coté                       |
| similar figures                   | figuro boling              |
| similar triangles                 | trianglo boling            |
| similar triangles square          | trianglo squaro boling     |
| similarities                      | bolingna                   |
| simplest form                     | Simplo st formo            |
| simplify an expression            | Expréssiyon simpliyélin    |

## MATHEMATICS - GRADE 3, 4, 5

| ENGLISH                    | MANDINKA                             |
|----------------------------|--------------------------------------|
| simplify fractions         | fracsiyon simplifiyé                 |
| single event               | tumo kiling                          |
| single-event experiment    | tumo-kiling espérimenwo              |
| six                        | woro                                 |
| sixth                      | woro njanwo                          |
| size                       | abugna                               |
| skip count                 | l pan conto la                       |
| slide (translation)        | Khé lagnokhonkan (translasiyon)      |
| small / smaller / smallest | doyalin/ min doyata/min doyata abéti |
| solid figure               | figuro golémenwo                     |
| solution                   | solusiyon                            |
| solutions                  | solusiyonlu                          |
| solve                      | Kha gnabo                            |
| solve a simpler problem    | Khé problémo gnabo                   |
| some                       | khako                                |
| sort                       | tobin                                |
| special case               | Spécialo ca                          |
| special case (s)           | Spécialo ca (wo)                     |
| speed                      | tariya                               |
| sphere                     | sphéro                               |
| spring                     | tilima                               |
| square                     | squaro                               |
| square array               | Squaro ranwo                         |
| square number              | Squaro niméro                        |
| square of a number         | Squaro niméro                        |
| square root of a number    | Squaro lilo niméro                   |
| square unit                | Squaro unité                         |
| standard measure           | Standaro mésuró                      |
| standard notation          | Standaro notasiyon                   |
| standard representation    | Standaro représentasiyon             |
| standard representations   | Standaro représentasiyonlu           |
| standard units             | Standaro unitélu                     |
| stem-and-leaf plot         | Stémo-ani fito ploto                 |
| step graph                 | Stépo grapho                         |
| straight angle             | Anglo tilininwo                      |
| strategies                 | férolu                               |
| substitute                 | min siguita anola                    |
| substitution               | Sigui nola                           |
| subtract                   | subtracto                            |
| subtraction                | subtracsiyon                         |
| subtraction fact           | Subtracsiyon facto                   |
| subtraction sentence       | Subtracsiyon fraso                   |
| subtraction sign           | Subtracsiyon signo                   |
| subtrahend                 | subtrahendo                          |
| sum                        | khako                                |
| summer                     | samaa                                |

## MATHEMATICS - GRADE 3, 4, 5

| ENGLISH                  | MANDINKA                               |
|--------------------------|--|
| supplementary angles     | anglo supplémentéro                    |
| survey                   | sondajo                                |
| symbols                  | simbolo                                |
| symbols in verbal form   | Simbolo kumo formo la                  |
| symbols in written form  | Simbololu saféro formo la              |
| table                    | tablo                                  |
| take away                | takha ti                               |
| tall /taller / tallest   | Akhé jan/min khé jan/min khé jan abéti |
| tallies                  | Tallilu                                |
| tally mark               | talli marko                            |
| ten                      | tan                                    |
| ten thousands            | wuli tan                               |
| tens                     | tanlu                                  |
| tens place               | Plassi tanlu                           |
| tenth                    | tanjanwo                               |
| term                     | termo                                  |
| terminating decimal      | décimalo bandula                       |
| tessellation             | tésséllasiyon                          |
| theorem                  | théorémo                               |
| third                    | sabajanwo                              |
| thought process          | miro takhagna                          |
| thousands                | Kéméfulalu                             |
| thousandth               | Kéméfula janwo                         |
| three                    | saba                                   |
| three-digit number       | Niméro digito- saba                    |
| three-dimensional figure | dimensiyon figuro- saba                |
| tiling                   | tuilinwo                               |
| time                     | wato                                   |
| to challenge thinking    | miri challenjo                         |
| to clarify thinking      | Khé miri la séniya                     |
| to elicit thinking       | miri man séniya                        |
| to extend thinking       | Miri janjamanwo                        |
| together                 | Mbé kaffo                              |
| ton                      | tono                                   |
| translate                | firinno                                |
| trapezoid                | trapézoido                             |
| trial and error          | Trialo and filo                        |
| triangle                 | trianglo                               |
| true / false             | Togna/togna nté                        |
| turn (rotation)          | Khé minin (minimino)                   |
| two                      | fula                                   |
| two-digit number         | niméro digito-fula                     |
| two-dimensional figure   | dimensionalo figuro-fula               |
| types of representations | représentasiyonlu sifalu               |
| under                    | ajukhoto                               |
| understand               | famuyalo                               |



## MATHEMATICS - GRADE 3, 4, 5

| ENGLISH                                  | MANDINKA                              |
|--|---------------------------------------|
| unit                                     | unité                                 |
| unit fraction                            | unitélu fracsiyon                     |
| unlike denominators                      | dénominatorolu inté kiling            |
| unlikely                                 | inté kilinti                          |
| use manipulatives                        | manupulatvolu taa                     |
| valid approach                           | Approcho gnuma                        |
| value                                    | valoro                                |
| variable                                 | variablo                              |
| Venn diagram                             | Venno diagramo                        |
| verbal expression                        | Expréssiyon verbalo                   |
| verbal form of reasoning                 | Khakilima formo verbalo               |
| verbal language                          | Kumakanwo verbalo                     |
| verbal process                           | verbalo takhagna                      |
| verbal symbols                           | Simbololu verbalo                     |
| verify claims of others                  | Toolu la gnininkaro jibé              |
| verify results                           | Résiltalu jibé                        |
| vertex                                   | vertexo                               |
| vertical                                 | vertikalo                             |
| vertical angles                          | Vertikalo anglolu                     |
| volume                                   | volumo                                |
| week                                     | lokhokungwo                           |
| whole                                    | abéé                                  |
| whole number                             | niméro bée                            |
| whole numbers                            | nimérolu bée                          |
| whole unit                               | unité bée                             |
| width                                    | widtho                                |
| winter                                   | sama                                  |
| work backwards                           | koma dookuwo                          |
| write an equation                        | équasiyon safé                        |
| written form of reasoning                | khakilima formo safélinwo             |
| written language                         | kumakanwo safélinwo                   |
| written representations                  | représentenwo safélinwo               |
| written symbols                          | simbololu safélinwo                   |
| yard (yd)                                | banta (yd)                            |
| year                                     | sanwo                                 |
| zero                                     | zéro                                  |
| zero as the identify element in addition | zéro comi identité finwo kaffulo kono |
| zero property of addition                | zéro properté kaffulo la              |
| zero property of multiplication          | zéro properté multiplicasiyon la      |