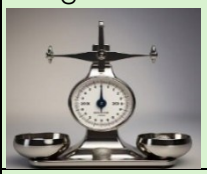
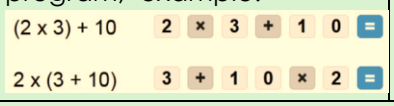
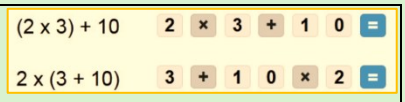
TERMINOLOGY/ THEMINOLOJI

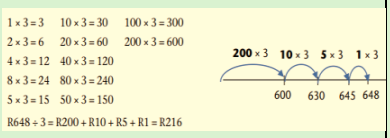
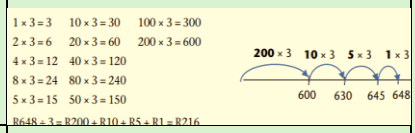
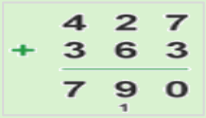
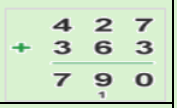
ENGLISH	DEFINITIONS AND / OR EXPLANATION	ISINDEBELE	IHLATHULULO
12 - hour clock	clock that divides the 24 hours of the day into two 12-hours periods: a.m. and p.m.	Iwatjhi yama-iri ali-12	iwatjhi ehlukanisa ama- iri ama-24 welanga abe ziinkhathi ezimbili zama iri ali-12 ekuseni kanye nantambama
24 - hour clock	clock for telling time that uses the numbers 00:00 to 23:59; it is also known as a military time that uses four digits, where the first two show the hour and the last two show minutes	Iwatjhi yama-iri ama-24	iwatjhi yokutjho isikhathi esisebenzisa amanani 00:00 ukuya ku-23:59; yaziwa nangokuthi sikhathi sebutho esisebenzisa amadijithi amane, lapho amabili wokuthoma atjengisa i-iri kuthi amabili wokugcina atjengise imizuzu
2-dimensional shape *(noun)*	closed flat shape that has only two dimensions i.e. length and width (breadth), with no thickness or depth	ijamo elinamadayimentjhini ama-2D/ ijamo le-2D	itjheyibhu evaliweko enamadaymentjhini amabili kwaphela isibonelo, ubude nobubanzi obungana budege nofana ukudibha
a		**A**	
a.m.	'ante meridiem', a Latin word for 'before noon' in a 12-hour clock format which shows times after 12 midnight but before 12 noon	a.m	i-anthi meridiyeni', ibizo lesiLatini elithi 'ngaphambi kwemini' ngefomethi yewatjhi yama-iri ali-12 etjengisa isikhathi ngemva kwe-12 phakathi kobusuku kodwana ngaphambi kwe-12 emini
accurate measurement	measure of how close a value is to the actual true value	isilinganiso esinembako	isilinganiso sokuthi ivelu iseduze kangangani nevelu yamambala
actual measurement	true value of a quantity being measured or the value that exists independently of any measurement errors or uncertainties	isilinganiso samambala	velu yamambala yekhwanthithi elilinganiswako nofana ivelu ekhona ngaphandle kwamaphutha wokulinganisa nofana ukungaqiniseki
add	combine or join two or more numbers, amounts, or things to get a total	-hlanganisa	ukuhlanganisa iinomboro ezimbiili nofana ezinengi ukuthola ivelu epheleleko ebizwa ngesamu
addend	number that is added to another; if you add 10 to 15,	inomborosihlanganiswa i-adendi	inomboro ehlanganiswa nenye; nangabe uhlanganisa u-10 no-15,

	then both10 and 15 are addends		yeke u-10 no-15 bama adendedi
addition	act of adding	ukuhlanganisa	yikambiso yokuhlanganisa iinomboro ezimbili nofana ezinengi ukuthola inani elipheleleko elibizwa ngesamu
additive inverse	number which when added to the original number results to zero	umphambano wenomborolize	yinomboro le esithi nasiyihlanganisa nenomboro yekuthomeni isinikele umphumela uziro
additive property	adding zero to any number does not change the value of the number	umthetholawulo wokuhlanganisa nokukhipha i-edithivi phrophathi	lokha nawuhlanganisa ngoziro kwenye nenye inomboro akutjhugululi ivelu yenomboro
afternoon	time of day that starts at mid-day and ends at sunset	ngemva kwamadina	sikhathi selanga esithoma phakathi nemini siphelele ekutjhingeni kwelanga
altogether	combination of two or more quantities, values, or sets into a single, unified whole	ngokupheleleko	ukuhlanganisa kwamakhwantithi amabili nofana ngaphezulu, amavelu nofana amasethi abe yinto yinye ehlangeneko
amount	quantity of something often expressed as a numerical value	nani	ikhwanthithi yento evame ukuvezwa njengenani leenomboro
analogue clock	clock that has a face with numbers from 1 to 12; it has moving hands that tell time	itlogo ye-analogo iwatjhi ye-analogo	iwatjhi enobuso obuneenomboro ukusuka ku-1 ukuya ku-12; inezandla ezikhambako ezisitjela isikhathi
angle	measure of the amount of turning between two intersecting lines	ihugu, lqondo, i-engele	isilinganiso senani lokujika hlangana nemida imibili ehlanganako
anticlockwise	direction of rotation that is opposite to the direction of the hands of the clock	phambene nomzombe wewatjhi	ndlela yokujikeleza ephikisana nezandla zewatjhi
approximate	number or measurement that is close to the actual, but not completely accurate or exact	-tjhideleneko	inomboro nofana isilinganiso esiseduze neseqiniso, kodwana esingakalungi ngokupheleleko nofana esiqondileko
area	how much surface a shape has; it is measured in square units such as square centimetres square metres and square kilometres	ubungako bendawo, ingcenye yendawo	ingangani isafeysi itjheyibhu enayo ilinganiswa ngamayunithi wesikwere afana namasentimitha wesikwere amamitha

			wesikwere kanye namakhilomitha wesikwere
arrange	order or organize objects, numbers, or elements in a required order or pattern	-hlela	hlela izinto ezithile nofana izinto ngokulandelana nofana iphetheni etlhogekayo
ascending order	arrangement of numbers from smallest to largest; also known as increasing order	irhemo elikhuphukako	ukuhleleka kweenomboro ukusuka kwencani ukuya kwekulu; eyaziwa nangokuthi yi-oda ekhulako
associative property	when adding or multiplying numbers, the way in which numbers are grouped by brackets, does not affect their sum or product; it is applicable to addition and multiplication, example: (1 + 7) + 3 = 1 + (7 + 3) = 11	ihlelo lokukhambelanako	lokha nawuhlanganisa nofana ubuyelela iinomboro ezihlelwe ngenqhema embayaneni akutjhugululi inani nomfana iphrodakthi; lokhu kusebenza nakuhlanganiswako begodu nakubuyelelwako isibonelo: (1 + 7) + 3 = 1 + (7 + 3) = 11
at least	not less than; at the minimum	ubuncani bakhona	ingasi ngaphasi, ubuncani bakhona
B			
balance scale	device used to measure the mass of an object by comparing it to a known weight or mass 	isikali sokulinganisa	isisetjenziswa esisetjenziselwa ukulinganisa ubudisi bento ngokuyimadanisa nesisindo esaziwako nofana ubudisi
base ten	place value system that uses decimal numbers; uses ten digits from 0 to 9 to represent any number.	inomborosisekelo yetjhumi	ihlelo le phleyisi velu elisebenzisa iinomboro zedesimali; lisebenzisa amadijithi ali-10 ukusuka ku -0 ukuya ku-9 ukujamela nanyana ngiyiphi inomboro
bathroom scale	device that measures the mass of an object or person, typically in units of mass such as kilograms	isilinganiso sebhadirumu	isisetjenziswa esilinganisa ubudisi bento nofana umuntu, kanengi ngamayunithi wobudisi afana namakhilogremu
breaking down and building up strategy	maths strategy that involves decomposing numbers or quantities into parts, manipulating those parts, and then reassembling them	iqhinga lokuphula nokwakha	iqhinga leembalo elifaka hlangana ukuhlukanisa iinomboro nofana amakhwantithi abe ziingcenye, ukusebenzisa

			iingcenye lezo, bese uyazihlanganisa godu
breaking down numbers	splitting numbers into parts	ukuphulwa kweenomboro	ukuhlukanisa iinomboro zibe ziingcenye
c		**C**	
calculate	determine or find a numerical value or answer by performing mathematical operations or using logical reasoning	-bala	thola ivelu yenomboro nofana ipendulo ngokwenza imisebenzi yeembalo nofana ngokusebenzisa ukuqabanga okuzwakalako
calculation plan	detailed step-by-step procedure, for performing a calculation or solving a mathematical problem example: rule in a flow diagram	umtlamo wokubalisisa	ikambiso eneminingwana yesinyathelo ngesinyathelo, yokwenza ukubala nofana ukurarulula umraro weembalo isibonelo umthetho we flowu dayagramu
calculation rule	mathematical formula, method, or procedure used to perform a specific calculation or solve a particular problem	umthetho wokubala	ifomula yeembalo, indlela, nofana ikambiso esetjenziselwa ukwenza ukubala okuthileko nofana ukurarulula umraro othileko
calculation technique	systematic method or procedure used to perform mathematical calculations, solve problems, or simplify complex expressions	iqhinga lokubalisisa	indlela ehlelekileko nofana ikambiso esetjenziselwa ukwenza ukubala kweembalo, ukurarulula imiraro, nofana ukwenza lula ama-eksipretjhini abudisi
calculator	device that does mathematical calculations quickly	isibalisi	isisetjenziswa esenza ukubala kweembalo msinyana
calculator keys	buttons on a calculator are called keys; a key is pressed to give instructions to a calculator	iinkunujana zesibalisisi	amabhathini wekhalikhuleyitha abizwa bonyana makhiyi, ikhiyi liyagandelelwa ukunikela umuyalo kukhalikhuleyitha
calculator sequence	series of numbers or mathematical operations performed in a specific order, typically using a calculator or computer program, example: 	ilandelanisonomboro kusibalisisi	umlandelande weenomboro nofana imisebenzi yeembalo eyenziwa ngokulandelana okuthileko, ngokuvamileko kusetjenziswa ikhalikhuleyitha nofana ihlelo lekhomphyutha, isibonelo:

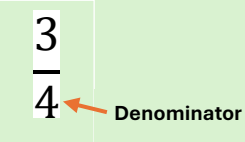
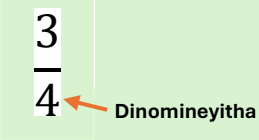
			
calendar	chart showing time divided into years, months, weeks and days	ikhalenda	itjhadi elitjengisa isikhathi esihlukaniswe saba minyaka, iinyanga, amaveke namalanga
calibration weights	standard weight with a known mass, used to calibrate weighing instruments or scales to ensure their accuracy	linlinganisibudisi ezikhethekileko	ubudisi obujayelekileko obunesisindo esaziwako, esisetjenziselwa ukulinganisa iinsetjenziswa zokulinganisa nofana iinkali ukuqinisekisa ukunemba kwazo
capacity	how much something holds; example: the seating capacity of a room or the largest amount of the liquid that a container can hold	umthamo	into ethile ibamba kangangani; isibonelo inani lekhaphasithi lokuhlala ekamureni nofana inani elikhulu lamanzi isimumathi esingakwazi ukuwafaka
cardinal number	number used for counting; excludes 0	inani lenomboro	inomboro esetjenziselwa ukubala; ayifaki 0
centimetre	unit to measure length	isentimitha	iyinithi yokulinganisa ubude
characteristics	specific feature of a shape or object	amatshwayosihlathalu li	ubujamo obukhethekileko betjheyibhu nofana bento ethile
circle	closed shape consisting of points that are all equidistant from a central point called the centre	isiyingilizi indulungu	yitjheyibhu evalekileko ebunjwa maphoyinti woke alinganako kusuka ephuzwini eliphakathi kwesekeli elibizwa ngokuthi isentha
circular	shape of a circle	-sasiyingilizi, -sandulungu	yitjheyibhu yesekeli
circumference	distance around the circle	umzombe womzombelezo	ibanga elizungeze isekeli
clock	tool that measures, keeps and indicate time in units of hours, minutes and seconds	iwatjhi	ithulusi elilinganisa, ligcine begodu likhombise isikhathi ngamayunithi wama-iri, imizuzu nemizuzwana
clockface	circular representation of a 12-hour or 24-hour cycle, divided into equal parts, with each part representing a unit of time	ubuso bewatjhi	isekhula ejamelwe mzombe wama iri ali-12 nofana ama-iri ali- 24, ahlukaniswe abazingcenye ezilinganako, ;lapho ingcenye ngayinye ijamele iyunithi yesikhathi

clockwise	direction or orientation that follows the rotation of the hands of a clock	-khambisanako nomzombe wewatjhi/ -jikizelako ngesidleni	indlela nofana ukutjhuguluka okulandela ukujikeleza kwezandla zewatjhi
closed number sentence	mathematical sentence that does not have a variable or a place holder, it is specific and has a clear unique solution, example: 2 + 3 = 5	umutjhonombolo evalekileko	umutjho wesibalo ongana variyebuli nofana i phleyisi holida, unqophile begodu unependulo ehlukileko isibonelo 2 + 3 = 5
clue board	special chart or table that helps you solve a problem by giving you hints or clues, helping you organize information and making it easier to find the answer 	ibhodomtlhala	itjhadi elikhethekileko nofana ithebula elikusiza ukurarulula umraro ngokukunikela iseluleko nofana imitlhala, ukukusiza ukuhlela ilwazi nokwenza kube lula ukuthola ipendulo 
collective	group or set of elements, rather than individually; have properties or operations that apply to the entire collection	ibhuthelelo	isiqhema nofana isethi yezakhi, kunokobana ibe ngayinye; zibe nezakhiwo nofana imisebenzi esebenza kiyo yoke ibuthelelo
column	vertical arrangement of numbers, words or shapes	ikholomu	ukuhleleka vethikhali kweenomboro, amagama nofana amatjheyibhu
column method	mathematical way of adding, subtracting, or multiplying numbers by writing them in columns 	ihlelonomboro ngamakholumu	indlela yeembalo yokuhlanganisa, ukukhupha, nofana ukubuyelela iinomboro ngokuzitlola ngamakholomu 
combine	bring separate things together into one group	hlanganisa	letha izinto ezihlukileko zibe siqhema sinye
common fractions (noun phrase)	equal parts of a whole with two parts i.e., numerator (tells how many equal parts you have) and denominator (tells how many parts the whole is divided into), example: $\frac{1}{2}$ and $\frac{6}{7}$	amacezu ajayelekileko/ amafraktjhini ajayelekileko	iingcenye ezimbili ezilinganako zamaholi isibonelo, inumereyitha (isitjela bona uneegcenye ezingakhi ezilinganako) begodu idinomineyitha (isitjela bonyana ziingakhi iingcenye ezihlukaniswe kuholi) , isibonelo: $\frac{1}{2}$ and $\frac{6}{7}$
commutative property	order of numbers can be changed when adding and	ihlelo elihlanakelelako,	yiphrophathi lapho ukuhleleka kweenomboro

	multiplying and the answer remains the same. example: 4 + 5 = 9, and 5 + 4 = 9 also 2 × 3 = 6 and 3 × 2 = 6	ikhomyunithethiyivi phrophathi	kungatjhugululwa lokha nakuhlanganiswako begodu nakubuyelelwako, ipendulo ihlala ifana isibonelo 4 + 5 = 9 kufana no 5 + 4 = 9 begodu 2 × 3 = 6 kufana no 3 × 2 = 6.
compare	look for ways in which two or more things are the same and the ways in which they are different	madanisa	qala iindlela lapho izinto ezimbili nofana ezingaphezulu zifana khona nangeendlela ezihluke ngakhona
compare numbers	determine their relative size or order	madanisa iinomboro	thola ubukhulu bazo obuhlobeneko nofana ukuhleleka kwazo
compensate	provide something, usually in the form of payment, reward, or benefit, to offset a loss, injury, or inconvenience or balancing a value or effect by adding or subtracting a corresponding value	-khomphenseyitha	nikela ngokuthileko, ngokuvamileko ngendlela yokubhadela, umvuzo, nofana inzuzo, ukubhadela ukulahlekelwa, ukulimala, nofana ukuhlangahlangana namkha ukulinganisa ivelu nofana umphumela ngokungezelela nofana ukukhupha ivelu elikhambelanako
complete	add the missing parts so that nothing is missing	-qedelela	ngezelela iingcenye ezingekho ukwenzela bona kungabi nalitho elilahlekako
composite numbers	whole numbers with more than two factors, example: the factors of number 4 are 1, 2 and 4	inomboro enamafektha amabili nangaphezulu	maholibamba anamafektha angaphezulu kwamabili, isibonelo amafektha wenomboro u-4 ngu-1, 2 no-4
concept	general thought or idea; something abstract that is precisely defined and described using mathematical language and notation	umqondo	umcabango ovamileko; into engabonakaliko ehlathuluwe kuhle begodu ihlathululwa ngokusetjenziswa kwelimi elinembako nokutlola
consecutive days	days that come after the other with no skipped days in between	amalanga alandelanako	malanga alandelana ngaphandle kokweqa amalanga hlangana nawo
consecutive numbers	numbers that follow each other in a pattern / sequential order. e.g, 1, 2, 3,	linomboro ezilandelanako	iinomboro ezilandelana kuphetheni isibonelo 1, 2, 3, 4,

	4, and 5 are consecutive numbers, as well as 10, 11, and 12		begodu no 5 kanye no 10, 11 no 12
consecutive weeks	weeks that come after the other with no skipped weeks in between	iimveke ezilandelanako	ziimveke ezilandelana ngaphandle kokweqa iimveke hlangana nazo
consecutive years	years that come after the other with no skipped years in between	iminyaka elandelanako	minyaka alandelana ngaphandle kokweqa iminyaka hlangana nawo
constant	anything that stays the same when all other parts do change in a pattern, equation or expression	-hlalako unjalo -ngatjhugulukiko	nanyana yini ehlala injalo lokha zoke ezinye iingcenye zitjhuguluka ngephetheni, ngesilinganiso nofana i eksiphrejini
constant difference	same number which is added or subtracted in a sequence of numbers	umehluko ohlala unjalo umehluko ongatjhugulukiko	inomboro efanako engezelelweko nofana ekhutjhwako eenomborweni ezilandelanako
constant ratio	same number which is used to multiply or divide the numbers in a seqence of numbers	iretjhiyo engatjhugulukiko iretjhiyo ehlala injalo	inomboro efanako esetjenziswa ukubuyelela nofana ukuhlukanisa iinomboro ezilandelanako
container	object or structure that can hold something	isimumathi	into nofana isakhiwo esingabamba into ethile
conversion	process of changing a value or expression from one unit to another while preserving its mathematical meaning and value, e.g changing metres to kilometres	ukutjhuguluka	ikambiso yokutjhugulula ivelu nofana ukuvezwa ukusuka kwenye iyunithi ukuya kwenye lokha nakubulungwa ihlathululo yeembalo begodu nevelu, isibonelo. ukutjhugulula amamitha ukuya kumakhilomitha
copy and complete	tasks where you replicate a given pattern, sequence, or expression and then fill in the missing parts to make it whole or complete	- kopulula bewuqedelele	imisebenzi lapho uphindaphinda khona iphetheni enikelweko, ukulandelana, nofana ukutjho bese uzalisa iingcenye ezilahlekileko ukwenza bona iphelele
corner	point where two or more edges, lines, or curves meet, forming an angle	ikhona	iphoynthi lapho imiphetho emibili nofana ngaphezulu, imida, nofana amakhevu ahlangana khona, ukwenza i-engele
correct	solution, answer, or process that adheres to established rules and definitions,	-lungileko	sisombululo, ipendulo, nofana ikambiso elandela imithetho neenhlathululo

	resulting in a valid and accurate outcome		ezibekiweko, eziletha umphumela ozwakalako noqophileko
count	act of determining the quantity or the total number of objects in a set or a group	-bala	mthetho wokuthola ikhwanthithi nofana inani eliphelelekо lezinto ezithile ezisesethini nofana esiqhemeni
counters	physical objects, often small disks or chips, used to represent numbers or quantities, aiding in visualizing and manipulating mathematical concepts like counting, addition, subtraction, and more	limbalisisi/ iimbali	izinto eziphathekako, kanengi amadiski amancani, asetjenziselwa ukujamela iinomboro nofana amakhwantithi, asiza ekuboneni ngelihlo lengqondo nokusebenzisa iinqondo zeembalo njengokubala, ukungezelela, ukukhupha, nokhunye
counting backwards	count in descending order, starting from a given number and decreasing by a certain interval each time	ukubala uye emuva, ukubala sinyova	kubala ngokulandela irhemo lokwehla, ukusuka enomborweni onikelwe yona bese uphungula nge-inthavali ethileko ngesikhathi ngasinye
cubit	ancient unit of length bheyizid on the distance from the elbow to the tip of the middle finger	ikhyubhithi	iyunithi yakade yobude esekelwe ebangeni ukusuka endololwaneni ukuya ekugcineni komuno ophakathi
curved side	boundary or edge of a shape or object that is not straight, but follows a smooth, continuous arc or curve	ihlangothigobela/ ihlangothi elikhevako	mkhawulo nofana mphetho wetjheyibhu nofana wento engakanqophi kodwana ilandela i-akhi nofana ikhevu ebutjhelelezi eragela phemabili
d		**D**	
date	record showing a given day, month and year, example: 20 march 2025 or 20-03-2025	ilanga	rekhodi elitjengisa ilanga elithileko, inyanga nomnyaka, isibonelo: 20 kuntaka 2025 nofana 20-03-2025
day	unit of time representing a 24-hour period	ilanga	iyunithi yesikhathi etjengisa isikhathi sama-iri ama-24
decimal comma	used to separate the whole part (on the left) from the fractional part (on the right) of a number; in south africa, a decimal comma is used	ikhoma yedesimali	isetjenziselwa ukuhlukanisa ingcenye yoke (ngakwesokunxele) ukusuka engcenyeni yefraktjhini (ngakwesokudla)

			yenomboro; esewula afrika, idesimali khoma iyasetjenziswa
decimal fraction	numbers that are not whole, using a decimal comma to separate the whole number part from the fractional part, example: 3,14 or 12,5	ifraktjhini yedesimali	iinomboro ezingasizo zamaholi, kusetjenziswa idesimali khoma ukuhlukanisa ingcenye yenomboro yeholinamba ukusuka egcenyeni yefraktjhini, isibonelo: 3,14 nofana 12,5
decrease	make the amount or quantity smaller or lesser	-phungula	yenza ikhwanthithi libe yincazana nofana libe ngaphasana
degrees celsius	unit commonly used to measure temparature, example: 21℃	i-degrees celcius	iyunithi evamise ukusetjenziswa ukulinganisa amazinga womtjhiso, isibonelo: 21℃
denominator	indicates how many equal parts a whole is divided into. 	isehlukanisi idinomineyitha	itjengisa bona zingaki iingcenye ezilinganako iholi ehlukaniswe ngakhona. 
deposit	amount of money placed into an account or put or set down (something or someone) in a specific place (	idiphozithi	inani lemali efakwe ku-akhawunthi namkha efakwe nofana okubekwe phasi (okuthileko nofana umuntu) endaweni ethileko
depth	measure of how deep something is, example: you can measure the depth of a box; when you find the distance between one end of the box and another end of the box, you measure the box's depth	ukudepha ukutjhinga ukudibha	ukulinganisa ukuthi into idibha kangangani, isibonelo: ungalinganisa ukudibha kwebhokisi; lokha nawufumana ibanga eliphakathi kwelinye ihlangothi lebhokisi nelinye ihlangothi lebhokisi, ungalinganisa ukudibha kwebhokisi
descending order	items arranged from highest to lowest or biggest to smallest	irhemo lokwehla	izinto ezihlelwe ukusuka phezulu ukuya phasi nofana okukhulu ukuya kokuncani
describe	provide a detailed account of what something is, example: its properties and	-hlathulula	nikela imininingwana ye-akhawunthi yokuthi into ethile iyini isibonelo izakhiwo nemisebenzi yayo

	functions, using words or pictures		ngokusebenzisa amagama nofana iinthombe
design	create shapes, objects and patterns following specific rules or plan	-tlama	yenza amatjheyibhu, izinto ezithile namaphetheni ngokulandela imithetho ethileko nofana ihlelo
destination	final point of journey or trip	isiphetho sekhambo	iphuzu lokugcina lekhambo
determine	find out the exact information or the exact answer about something	-thola -fumana	thola ilwazi elinembako nofana ipendulo enembako yento ethile
diagonal	line that connects two vertices of a polygon, that are not on the same line	idayagonali	mumuda ohlanganisa amakhona amabili wepholigoni, angabi semudeni munye
diagram	drawing or picture used to visualise something	idayagramu	mdwebo nofana isithombe esisetjenziselwa ukubona ngelihlo lencondo lento ethileko
diagram form	visual representation of something using diagrams, graphs, charts or other visual aids	ivezo ngokwedayagramu	ukuvezwa okuthileko ngokusebenzisa imidwebo, amagrafu, amatjhadi nofana ezinye iinsetjenziswa ezibonakalako
difference	answer when subtracting one number or quantity from another, example: in 26 – 16 = 10, 10 is the difference between 26 and 16 or comparison of anything according to their characteristics	umphumela wokukhupha	ipendulo oyithola lokha nawukhupha inomboro yinye nanyana ikhwanthithi kwelinye; isibonelo 26 – 16 = 10, 10 mehluko hlangana kwe 26 kanye ne 16 nofana ukumadanisa okhunye nokhunye okubili ngokuya ngama kharektheristiksi wakhona
digit	any of the symbols (0, 1, 2, 3, 4, 5, 6, 7, 8, or 9) used to represent numbers, especially within our common bheyizi-10 (decimal) system	idijithi	matshwayo nanyana ngimaphi (0, 1, 2, 3, 4, 5, 6, 7, 8, nofana 9) asetjenziselwa ukutjengisa iinomboro, ngaphakathi kwehlelo lethu elijayelekileko le-10 (idesimali)
digital clock	clock displaying time in a numeric format using digits to show the hours and minutes (and sometimes seconds)	iwatjhi yeditjhithali	iwatjhi etjengisa isikhathi ngefomethi yeenomboro isebenzisa amadijithi ukutjengisa ama-iri nemizuzu (begodu kwesinye isikhathi nemizuzwana)

digital time	display of time using numerical digits	isikhathi sedijithali	ukutjengiswa kwesikhathi ngokusebenzisa amadijithi weenomboro
dimension	measurable extent of a particular kind, such as length, breadth, depth, or height	idayimentjhini	simedo esilinganisekako somhlobo othileko njengobude, ububanzi, ukudibha nofana ukuphakama
distance	measure of how far apart two points are	ibanga	silinganiso sokobana amaphoyinithi amabili akude kangangani
distributive property	multiplying the sum of two or more addends by a number will give the same result as multiplying each addend individually by the number and then adding the product together example: $2(3 + 5) = 2 \times 3 + 2 \times 5$; this property also applies to subtraction	ihlelo elabiweko idistribhyuthivi phophathi	ukubuyelela ama-adendi wesamu wenomboro ezimbili nofana ezingaphezulu ngenomboro ezokunikela umphumela ofanako nokubuyelela i-adendi ngayinye ngayayinye ngenomboro bese uhlanganisa ngephrodakthi isibonelo $2(3 + 5) = 2 \times 3 + 2 \times 5$; lokhu kusebenza nalokha sikhupha
divide	break up or share a quantity into equal parts or groups or separate or be separated into parts.	-hlukanisa	kuphula begodu ukwabelana ikhwanthithi ibeziingcenye nofana iinqhema ezilinganako
dividend	number being divided in a division problem, example: in the number sentence $\frac{15}{3} = 5$, the number 15 is the dividend	isehlukaniswa	nomboro ehlukaniswa emrarweni wokuhlukanisa, isibonelo: nambasenthentsi $\frac{15}{3} = 5$, inomboro 15 yisehlukaniswa
divisible	describes a number that can be divided by another number without leaving a reminder	-hlukanisekako	ihlathulula inomboro engahlukaniswa ngenye inomboro ngaphandle kokutjhiya isalelo
division	an action of dividing	ukuhlukanisa	senzo sokuhlukanisa
divisor	number that divides another number, example: $12 \div 3 = 4$, the number 3 is a divisor of 12	isehlukanisi	inomboro ehlukanisa enye inomboro, isibonelo: $12 \div 3 = 4$, inomboro 3 ngumhlukanisi we-12
double	add the same thing to itself, or multiply something by 2, resulting in twice the original, example., double 8 is 16	-buyelela kabili	ngeza inomboro efanako kiyo, nofana buyabuyelela into ngo-2, ukwenzela bona kube kabili, isibonelo, buyelela u-8 kuba ngu-16

doubling and halving strategy	multiplication strategy which involves doubling one factor and halving the other to make the calculation simpler	iqhinga lokubuyelela kabili nokuqunta phakathi	iqhinga lokubuyelela elifaka hlangana ukuphinda kabili ifektha yinye begodu ukuquntа okhunye ukwenza ukubala kube lula
draw	create a picture or diagram by using a pencil, pen or other instrument	-gwala -thala	kwenza isithombe nofana idayagramu ngokusebenzisa ipentsela, ipeni nofana ithulusi/isisetjenziswa esinye
e		**E**	
each	term used to indicate that a statement or operation applies to every individual element or unit within a set or collection	-ngakunye -ngamunye	*ibizo* elisetjenziselwa ukutjengisa bona isitatimende nofana umsebenzi usebenza kiyo yoke into nofana iyunithi ngaphakathi kwesethi nofana ibuthelelo
earn	get money in exchange for work that you do or to receive or gain something as a result of effort, work, or achievement	-rhola	thola imali ngokutjhentjha ngokomsebenzi owenzako namkha ukwamukela nofana ukuthola okuthileko njengomphumela womzamo, umsebenzi, nofana ipumelelo
eight	cardinal number between 7 and 9; composite number	ubunane	inomboro ekulu hlangana no-7 no-9; inomboro ehlanganisiweko
eighth	the ordinal form of the number eight, meaning it indicates position in a sequence example: the eighth day of the month or one of 8 equal parts into which a whole is divided, example: $\frac{1}{8}$	kobunane	indlela yokulandelana yenomboro ebunane, okutjho bona itjengisa ubujamo ekulandelaneni isibonelo: ilanga lobunane lenyanga namkha enye yeengcenye ezi-8 ezilinganako lapho iholi ihlukaniswa khona, isibonelo: $\frac{1}{8}$
enlarge	increase the size of something or increase the size of the shape or figure while maintaining its proportion by multiplying with a constant ratio or scale factor	-khulisa	khulisa ubukhulu bento ethile namkha khuphula ubukhulu betjheyibhu nofana ifiga ngesikhathi ugcina isilinganiso sayo ngokubuyelela nge reyitjho engatjhugulukiko nofana i skeyili fektha

equal	being same in quantity, dimension, degree, or value	-linganako	ukufana ngamakhwantithi, diyamentjhini, digri nofana ivelu
equal sharing	concept used to divide a whole quantity into a specific number of equal parts or groups, where each part or group contains the same number of items	ukwabelana ngokulinganako	umqondo osetjenziselwa ukwahlukanisa ikhwanthithi epheleleko libe ziingcenye ezilinganako nofana iinqhema, lapho ingcenye ngayinye nofana isiqhema sifaka phakathi inomboro yezinto ezifanako
equal sign	shows equal quantities or numbers, the symbol '=' is used	itshwayo lokulingana	litjengisa amakhwantithi alinganako nofana iinomboro, kusetjenziswa itshwayo elithi '='
equivalent	two or more things that are equal in value, function, or meaning, even if they look different	-linganako	izinto ezimbili nofana ngaphezulu ezilingana ngevelu, ngomsebenzi nofana ngehlathululo nanoma ziqaleka zihlukile
equivalent form	different ways of representing the same thing such that they have the same value or meaning	ivezo kokulinganako	iindlela ezihlukeneko zokujamela into efanako ukwenzela bona ibene velu efanako nofana ihlathululo
equivalent fractions	represent the same value, even though they have different numerators and denominators; can be found by multiplying or dividing both the numerator and denominator of a fraction by the same non-zero number. example: $\frac{3}{7} \times \frac{5}{5} = \frac{15}{35}$	amafraktjhini alinganako amacezu alinganako	atjengisa ivelu efanako, nanyana zinama numereyitha ahlukileko; ingatholakala ngokubuyelela nofana ukuhlukanisa kokubili isibalo nesilinganisi sefraktjhini ngenomboro efanako engasi ng-ziro. isibonelo: 3/7 × 5/5= 15/35
estimate	approximate calculation or judgement of the value, number quantity or extent of something	-funisela	ukubala okulinganiselwe ivelu, inomboro yekhwanthithi nofana ubukhulu bento
estimation	process of making a quick, approximate calculation that is close enough to the exact answer; often used when precise measurements or tools are not available	ukufunisela	ikambiso yokwenza ukubala okurhabako, okulinganiselweko okuseduze ngokwaneleko nependulo enqophileko; kanengi isetjenziswa lokha iinlinganiso zinembakhona nofana amathulusi angatholakali

even number	whole number that is exactly divisible by 2, example: 0; 2; 4; 6; 8; 10; …	inomborolingana	iholinamba ehlukaniswa ngo-2, isibonelo: 0; 2; 4; 6; 8; 10; …
evening	time interval after sunset	intambama	isikhatjhana ngemva kokutjhinga kwelanga
exceed	one quantity is greater or more than another	-dlula -ngaphezu kwa	ikhwanthithi yinye yikulu nofana ingaphezulu kwenye
expanded notation	representing a number as a sum of its place value parts	inotheyitjhini enabileko	itjengisa inomboro njenge samu yegcenye yephleyisi velu
extend	enlarge; expanded to include additional elements or values	-khulisa	khulisa okwandisekako okufaka hlangana kwezinto ezingezelelweko nofana ama velu
f		**F**	
face	any flat surface of an object	ubuso	yisafeyisi nanyana ngiyiphi yento ethile
fact	piece of information that is known to be true	iqiniso	imininingwana eyaziwako bona iliqiniso
factor	Number that is multiplied by another number to get a product. example: 2 and 4 are factors of 8 because 2 × 4 = 8	ifektha	inomboro ebuyelelwa ngenye inomboro ukuthola iphrodakthi isibonelo: 2 no-4 mafektha eka--8 ngombana u-2 × 4 = 8
false	statement that is incorrect or untrue	-ngasilo iqiniso -mamala	isitatimende esingasiliqiniso
few	small quantity of something; not many things	okumbalwa	khwanthithi encani yento ethile; yezinto ezingasi zinengi
fifth	ordinal form of the number five indicating position in a sequence example: the fifth day of the month or one of 5 equal parts into which a whole is divided, example: $\frac{1}{5}$	-kokuhlanu	indlela yenomboro yesihlanu etjengisa ubujamo ngokulandelana isibonelo: ilanga lesihlanu lenyanga (isiphawulo) namkha enye yeengcenye ezihlanu ezilinganako lapho iholi ihlukaniswe khona, isibonelo: 1/5
figure	diagram or sketch of an object or shape	umgwalo	idayagramu nofana umdwebo wento nofana itjheyibhu
financial contexts	management, creation, and study of money, banking, credit, investments, assets, and liabilities	ubujamo beemali	ukuphathwa, ukwenza, nokufunda ngemali, ibhanga, isikwelede, ukutjala imali, ipahla, neenkwelede
first	ordinal form of the number one, meaning it indicates a	-kokuthoma	ifomu elihlelekileko lenomboro yokuthoma,

	position in a sequence example: the 1st day of the week		okutjho bona itjengisa ubujamo bokulandelana isibonelo: ilanga lokuthoma leveke
five	cardinal number between 4 and preceding 6; a phrayimi namba	okuhlanu	inomboro ekulu hlangana no-4 kanye nengaphambili kuka-6 ; iphraymi namba
flow diagram	diagram showing how an input value is transformed into an output value bheyizid on a specific rule or an inverse thereof	itjhadinaneko umfanekisonaneko idayigramunaneko	dayagramu etjengisa bona ubungakho bemifakela butjhugulula njani imiphumela ngokuya ngomthetho othileko nofana ukuphambeneko
fraction	part of a whole	ifraktjhini icezu	yingcenye yeholi
fraction strip	tool used understand fractions by representing them as equal parts of a whole using paper or other materials; and can be used to compare, add, subtract, and find equivalent fractions	istribhu sefraktjhini istribhu secezu	ithulusi elisetjenziswako ukuzwisisa amafraktjhini ngokuwatjengisa ngeengcenye ezilinganako zeholi ngokusebenzisa iphepha nofana ezinye izinto; begodu zingasetjenziselwa ukumadanisa, ukungezelela, ukukhupha, nokuthola amafraktjhini alinganako
g		**G**	
general rule	relationship or rule that defines how the elements in the pattern are organised	umthetho ojayelekileko	ubudlelwano nofana mthetho ohlathulula bona izinto ezikuphetheni zihlelwe bunjani
geometric pattern	pattern represented in lines, shapes and objects that are arranged in a specific manner	iphetheni yejiyomethri	iphetheni etjengisa imida, amatjheyibhu nezinto ezihlelwe ngendlela ethileko
geometric shapes	closed figures created using points, lines, and curves or a combination of both, example: circles, rectangles, cones, etc.	amajamo wejiyomethri	mafiga avaliweko akhiwe ngokusebenzisa amaphoynthi, imida, namakhevu nofana ukuhlanganiswa kwakho kokubili, isibonelo: amasekeli, rekthengela, amakhoni, njalonjalo.
gram	unit to measure mass equal to one thousandth of a kilogram	igremu	iyunithi yokulinganisa ubudisi obulingana nekulungwana yinye yekhilogremu
grid	pattern of evenly spaced intersecting lines or dots	igridi	iphetheni yemida ehlangana ngokulinganako nofana

	often used for plotting points, drawings figures, displaying equations etc.		amaqhatjhaza avamise ukusetjenziselwa ukudweba amaphoynthi, ukudweba amafiga, ukutjengisa ama-ikhwejini njalonjalo.
group	set or collection of numbers, shapes or objects	isiqhema	isethi nofana ibutheleo leenomboro, amatjheyibhu nofana izinto ezithile
grouping	combining numbers or objects into sets bheyizid on certain criteria	ukuqhemisa	kuhlanganisa iinomboro nofana izinto zibe ziinqhema ngokuya ngeendlela ezithileko
growing pattern	pattern that increases by a specific rule or amount	iphetheni ekhulako	iphetheni ekhulako ngomthetho othileko nofana inani
h		**H**	
half	fraction ($\frac{1}{2}$), which means dividing into two equal parts	isiquntu/ihafu	ifraktjhini (1/2), okutjho ukuhlukanisa iingcenye ezimbili ezilinganako
half past	30 minutes after the beginning of an hour	-dlule ngesiquntu	mizuzu ema-30 ngemva kokuthoma kwe-iri
halfway between	midpoint or average of two point or given values	isiquntu hlangana	iphhoyinthi eliphakathi nofana isilinganiso samaphuzu amabili nofana amavelu anikelweko
halving	dividing a number or quantity by 2 or multiplying by half ($\frac{1}{2}$)	ukuqunta phakathi ukuhlukanisa phakathi	ukuqunta inomboro nofana ikhwanthithi ngaku-2 nofana ukubuyelela ngesiquntu u-(1/2)
height	measure of vertical distance from a reference point, typically the ground or a bheyizi level, to the top or highest point of an object	ukuphakama	isilinganiso esivethikhali sebanga elijameleko ukusuka endaweni yokutjheja, ngokujayelekileko phasi nofana izinga eliyisisekelo, ukuya phezulu nofana endaweni ephezulu khulu yento
hexagon	closed figure with six straight sides	ihekzagoni	ifiga evaliaweko enamahlangothi asi-6
horizontal	something lying flat from side to side, like a line or a surface that goes left and right, not up and down	-vundlileko	into elele phasi ukusuka ehlangothini ukuya ehlangothini, njengomuda nofana indawo eya ngesinceleni neyesidleni, ingasi phezulu naphasi
hour	unit of measuring time equal to 60 minutes	i-iri i-awara	iyunithi yokulinganisa isikhathi esilingana nemizuzu ema-60

		i-awa	
hour hand	short hand of a clock which shows how many hours have passed in a day hour hand	ilithi le-iri ilithi le-awara ilithi le-awa	isandla esifitjhani sewatjhi esitjengisa bona kudlule ama-iri amangaki ngelanga isandla se-iri
hundre	base-10 system representing ten groups of ten	ikhulu	ihlelo lebheyizi-10 elijamele iinqhema ezilitjhumi kwetjhumi
hundreds	bheyizi-10 system representing 10 groups of 10	amakhulu	ihlelo lebheyizi-10 elitjengisa iinqhema ezi-10 ze-10
hundredths	ordinal form of the number hundred, meaning it indicates position in a sequence example: the 100th day of the year (adjective) or one of 100 equal parts into which a whole is divided, example: $\frac{1}{100}$ (noun)	-kwekhulu	ifomu ehlelekileko yenomboro ekulu, okutjho bona itjengisa ubujamo ngokulandelana kwesibonelo: ilanga le-100 lomnyaka (isiphawulo) namkha enye yeengcenye ezili-100 ezilinganako lapho iholi ihlukaniswe khona, isibonelo:$\frac{1}{100}$(ibizo)
i		**l**	
identify	establish or indicate what something is	-khomba	ukusungula nofana ukutjengisa bona into iyini
including	having something or someone as a part of a group, list, or amount; adding or counting something in, not leave it out.	ukufaka	ukuba nento namkha umuntu njengengcenye yesiqhema, irhelo, namkha inani; ukungezelela nofana ukubala okuthileko, ingasi ukutjhiya ngaphandle.
incorrect	something that has mistakes in it or false	-ngakalungi -ngasiliqiniso	into ethile eneemphoso kiyo nofana emamala
increase	make something bigger in size or value	-khulisa	ukwenza into ibe yikulu ngobukhulu
increasing	pattern that grows by a specific rule or amount	iphetheni ekhulisako	iphetheni ekhula ngomthetho othileko nofana inani
indicate	show, point out, or make clear something, often using symbols or notations	-tjengisa	ukhombe, nofana ukuveza iphuzu ngokuthileko, kanengi usebenzisa amatshwayo nofana amanothetjhini
input	value that is entered into a number sentence which is	umfakela	ivelu efakwa kunambasentensti

	then used to generate an output		esetjenziswa ukupha umphumela
inspection	looking at a problem and quickly recognizing the solution without needing to perform extensive calculations or follow a step-by-step process, example: in □ + 6 = 10, you can easily see that $p = 4$ by inspection	iqalomsinya i-inspektjhini	ukuqala umraro msinyana begodu ubone isisombululo ngaphandle kokutlhoga ukwenza ukubala okukhulu nofana ukulandela ikambiso yesinyathelo ngesinyathelo, isibonelo: ku-p + 6 = 10, ungabona lula bona p = 4 ngokuhlola
inverse operations	pairs of mathematical operations that undo each other, example: addition and subtraction are inverse operations, and multiplication and division are inverse operations, examples: 8 + 9 = 17 and 17 – 9 = 8; 6 × 4 = 24 and 24 ÷ 4 = 6	ama-opharetjhini aphambeneko	ma-opharetjhini weembalo amababili akhambisanako ahlehlisa enye nenye, isibonelo: ukungezelela nokukhupha imisebenzi ephendukako, begodu ukubuyelela nokwahlukanisa imisebenzi ephendukileko, isibonelo: 8 + 9 = 17 no-17 – 9 = 8; 6 × 4 = 24 kanye no-24 ÷ 4 = 6
investigate	conduct a systematic and thorough examination of a concepts or problems, using various techniques or tools to build a deeper understanding	-phenya	ukwenza irhubhululo elihlelekileko neliphelelelko lemiqondo nofana imiraro, ngokusebenzisa amaqhinga nofana amathulusi ahlukahlukeneko ukwakha ukuzwisisa okudephileko
investigation	systematic and thorough examination of concepts, relationships, or problems to gather information, identify patterns, and draw conclusions	iphenyo	ukuhlolisisa okuhlelekileko nokupheleleko kwemiqondo, ubudlelwano, nofana imiraro ukubuthelela ilwazi, ukukhomba amaphetheni, nokuphetha
irregular polygon	type of polygon that does not have all sides and angles equal	ipholigoni engakajwayeleki	umhlobo wepholigoni ongananamahlangothi nama-engela alinganako
isometric grid	a grid of equilateral triangles	igridi e-ayisomethriki	igridi yama-ikhwilatherali thrayengela
item	general word that is used to refer to a single element or member within a set, list or collection	i-ayithemu	igama elijwayelekileko elisetjenziselwa ukutjho into eyodwa nofana ilunga ngaphakathi kwesethi, irhelo nofana ibuthelelo
k		**K**	

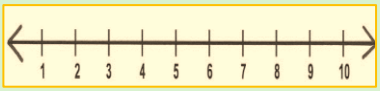
key	list, legend or note that explains the meaning of the symbols, colors, or other visual elements used in a graph, chart, or diagram	isihlahli i-key	irhelo, lejendi nofana inothi ehlathulula amatshwayo, imibala, nofana ezinye izinto ezibonwako ezisetjenziswe egrafini, etjhadini, nofana emfanekisweni
key sequence	specific order of numbers, symbols, or operations that unlocks or solves a mathematical problem, puzzle, or code	ilandelanisogadango irhemogadango	ukulandelana okuthileko kwamanani, amatshwayo, nofana imisebenzi evula nofana erarulula umraro weembalo, iphazili, nofana ikhodi
kilograms	standard international (si) unit of mass equal to 1 000 g	amakhilogremu	standadi inthanetjhinali unithi (si) yobudisi elingana ne-1 000 gremu(g)
kilolitr	unit to measure volume or capacity; equal to 1 000 ℓ	ikhilolitha	iyunithi yokulinganisa ivolumu nofana ikhaphasithi; okulingana ne-1 000 ℓ
kilometre	unit to measure length; equal to 1 000 m	ikhilomitha	iyunithi yokulinganisa ubude; okulingana ne-1 000 m
kitchen scales	measuring tool for mass used to measure weight of ingredients in the kitchen	iinkali zekhwitjhini	ithulusi lokulinganisa ubukhulu obusetjenziselwa ukulinganisa ubudisi beenhlanganisela zekhitjhini
I		**L**	
length	measurement along a line or curve or the longest side of the object or shape	ubude	ukulinganisa emudeni nofana ekhevini namkha ihlangothi elide khulu lento nofana itjhebhu
less than	means fewer than or smaller than	-ncani kune	kutjho okumbalwa nofana okuncani kuna
limited to	indicates that a mathematical concept, object or operation is restricted, constrained or bounded	-khawulelweko ku-	kutjengisa bona umqondo weembalo, into nofana umsebenzi ovinjelwe
line	set of points that extend infinitely in two directions, with all points on the line lying in a single plane	umuda	isethi yamaphoythi akhulisa ngokungapheliko ngeendlela ezimbili, nawo woke amaphuzu emudeni alele etatawini linye
line segment	part of a line that has two endpoints; or a straight path that connects two points and has a fixed length	ingcenye yomuda lsigamu somuda	lunga lomuda onemiphetho emibili; nofana indlela enqhophileko ehlanganisa amaphoyinti amabili anobude obujamileko

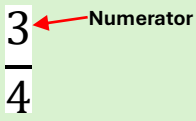
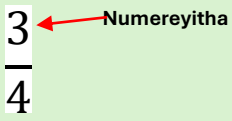
litre (ℓ)	standard international (si) unit for capacity or volume; equal to 1 000 ml	litha (ℓ)	standadi inthanetjhinali ojayekileko yekhaphasithi; elingana ne-1 000 ml
long division	strategy for dividing numbers into smaller groups or parts, it helps to break down a problem into simple and easy steps	ukuhlukanisa okude	iqhinga lokuhlukanisa iinomboro zibe ziinqhema ezincani nofana iingcenye, liyasiza ukuhlukanisa umraro ube ziitebhu ezilula
m		**M**	
mass	a measure of how heavy or light an object is	imasi	isilinganiso sokobana into ibudisi kangangani nofana ilula kangangani
match	identifying or connecting similar objects or elements bheyizid on shared characterics, such as size, shape or number	-madanisa	ukukhomba nofana ukuhlanganisa izinto ezithile ngokuya ngemikghwa yazo nofana ngokuya ngobujamo obufanako, njengobukhulu, itjhebhu nofana inomboro
measure	find the size of one or more features, such as length, breadth, height, capacity, mass, etc.	-meda -linganisa	thola ubukhulu besayizi yinye nofana ngaphezulu, njengobude, ububanzi, ukuphakama, khaphasithi, ubudisi, njalo njalo.
measurement	process of determining the size of one or more features of something, typically involving comparing it to a known standard or unit	ukumeda ukulinganisa	ikambiso yokuthola ubukhulu besayizi yinye nofana ngaphezulu bento ethile, ngokuvamileko ebandakanya ukuyimadanisa nezinga elaziwako nofana i-unitouth
measurement contexts	application of measurement concepts and skills to real-world situations, including length, area, volume, mass, time, and temperature, often involving estimation, comparison, and calculation	ubujamo bokumeda ubujamo bokulinganisa	ukusetjenziswa kwemiqondo yokulinganisa namakghono ebujameni bamambala, okufakahlangana ubude,i-eriya, ivolumu, ubukhulu, isikhathi, kanye nezinga lokutjhisa, kanengi okufaka hlangana ukulinganisa, ukumadanisa, nokubala
measuring instrument	device used to measure a physical quantity, such as length, mass, time, temperature, or pressure	isimedo isilinganisi	isisetjenziswa esisetjenziselwa ukumeda ikhwanthithi ebonakalako, njengobude, ubukhulu, isikhathi, amazinga womtjhiso, nofana iphreja
mental calculation	involves performing arithmetic operations (like addition, subtraction, multiplication, and division)	ukubalisisa ngehloko	kufaka hlangana ukwenza imisebenzi yeembalo (njengokuhlanganisa, ukukhupha, ukubuyelela,

	solely using your mind, without relying on external tools like calculators or paper or pencil		nokuhlukanisa) usebenzisa ingqondo yakho kwaphela, ngaphandle kokuthembela emathulusini wangaphandle afana namakhalikhuleyitha nofana iphepha nofana ipentsela
mental maths	broader term that involves a range of mathematical skills and applications which involves a rapid recall of number facts and the development of calculation strategies that can be applied quickly	iimbalo zehloko	ibizo elibanzi elibandakanya amakghono weembalo nokusetjenziswa okubandakanya ukukhumbula msinyana iinomboro eziliqiniso nokuthuthukiswa kwamaqhinga wokubala angasetjenziswa msinyana
method	step-by-step way of doing something such as solving a problem, constructing an object or calculating an answer	indlela yokwenza	indlela yesitephu ngesitephu yokwenza into njengokurarulula umraro, ukwakha into nofana ukubala ipendulo
metre stick	measuring instrument with equally spaced markings to measure lengths, widths, and heights in units of metres (m) and sub-units such as centimetres (cm) and millimetres (mm)	intongamamitha	isisetjenziswa sokulinganisa esinamatshwayo alinganako ukulinganisa ubude, ububanzi, nokuphakama ngamayunithi wamamitha (m) kanye namayunithi angaphasi kwamasentimitha (cm) namamilimitha (mm)
metre	standard international (si) unit of length equal to 100 cm	imitha	iyunithi iyesitandathi inthanetjhinali (si) yobude obulingana ne-100 cm
midday	middle of the day, exactly 12:00 noon	emini ekulu	phakathi nemini, patsi nge-12:00 emini
millilitre	unit of measurement in a matric system to measure smaller capacity or volume	imililitha	iyunithi yokulinganisa erherhweni le-matrikhi ukulinganisa ikhaphacity encani nofana ivolumu
millimetre	unit of measurement in a matric system for short length or distance	imilimitha	iyunithi yokulinganisa erherhweni le-matrikhi yobude obufitjhani nofana ibanga
minimum temperature	lowest value of temperature recorded or measured within a given time period or data-set	izingakutjhisa eliphasi	ivelu ephasi khulu yokutjhisa erekhodiweko nofana elinganisiweko ngesikhathi esithileko nofana isethi yedatha

minuend	quantity or a number from which a number is to be subtracted, example:10 – 3 = 7, the minuend is 10	umkhuphi iminyuwendi	khwanthithi nofana inomboro lapho kuzokususwa khona inomboro, isibonelo:10 – 3 = 7, iminwendi ngu-10
minus (–)	operation sign used to indicate subtraction	itshwayo lokukhupha	itshwayo lokusebenza ukutjengisa ukukhupha
minute hand	long hand on a clock face. it shows how many minutes have passed in each hour minute hand	ilithi loymzuzu	isandla eside ebusweni bewatjhi. itjengisa bona sele kudlule imizuzu emingaki nge-iri ngalinye isandla somzuzu
minute	unit of time which is 60 seconds	umzuzu	iyunithi yesikhathi okuyimizuzwana ema-60
minutes before	certain number of minutes have passed before a specific time, for example:5 minutes before 8 o'clock means it is 07:55	imizuzu ngaphambi kwa-	inomboro ethileko yemizuzu edlule ngaphambi kwesikhathi esithileko, isibonelo: imizuzu emi-5 ngaphambi kwe-iri yesi-8 kutjho bona ngu-07:55
minutes past	certain number of minutes have passed after a specific time, example: 5 minutes past 8 o'clock means it is 08:05	imizuzu ngemva kwa-	inomboro ethileko yemizuzu edlule ngemva kwesikhathi esithileko, isibonelo: imizuzu emi-5 idlule i-iri yesi-8 kutjho bona ngu-08:05
month	period of time which is approximately 28 - 31 days	inyanga	isikhathi esingaba malanga ama-28 ukuya kwama-31
more than	greater quantity or value in size or amount, represented by a symbol >	ngaphezu kwa-	ikhwanthithi ekulu nofana ivelu ngobukhulu nofana inani, elijanyelwe litshwayo >
morning	part of the day from midnight until midday	ekuseni	ingcenye yelanga ukusuka phakathi kobusuku ukuya emini
multiple	product that we get when one number is multiplied by another number example, if we say 4 × 5 = 20, here 20 is a multiple of 4 and 5	ibuyabuyelelo	prodakthi esiyifumana lokha inomboro eyodwa ibuyelelwa ngenye inomboro isibonelo, nangabe sithi 4 × 5 = 20, lapha u-20 yibuyabuyelelo ka-4 no-5

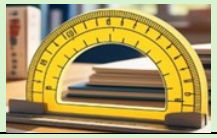
multiplicand	number being multiplied, example, in $3 \times 6 = 18$, 3 is the multiplicand	isibuyelelwa	nomboro ebuyabuyelelweko, isibonelo, ku-3 × 6 = 18, 3 yi malithiphlikhendi
multiplication fact	mathematics problem that shows the result of multiplying two numbers together, example: 2 × 3 = 6	umphumela webuyabuyelelo	umraro weembalo otjengisa umphumela wokubuyela iinomboro ezimbili nazizoke, isibonelo: 2 × 3 = 6
multiplication table	structured way to present the phrodakthis of multiplying numbers	ithebulabuyabuyelela	indlela ehlelekileko yokwethula ipendulo yokubuyelela iinomboro
multiplication	mathematical operation that represent the reapeted addition of a number example, $4 \times 3 = 12$, which means $4 + 4 + 4 = 12$	ibuyabuyelelo	ukusebenza kweembalo okutjengisa ukungezelelwa kwenomboro ephindaphindiweko isibonelo , 4×3=12, okutjho bona 4+4+4=12
multiplicative inverse	number(reciprocal) that when multiplied by the original number, results in a product of 1, example: $2 \times \frac{1}{2} = 1$	umphambano webuyabuyelelo	inomboro (resiphrokhal) lokha nayiphindaphindwa ngenomboro yokuthoma, imphumela phrodakthi yaka-1, isibonelo: 2 × 1/2 = 1
multiplier	number that multiplies another number, example: in 3 × 6 = 18, 6 is the multiplier	isibuyabuyeleli	inombolo ephindaphinda enye inombolo, isibonelo: ku-3 × 6 = 18, 6 ngumphindaphindi
multiply	perform a mathematical calculation to find a product of two or more numbers which is also called repeated addition or increase or grow something rapidly; reproduce or breed; combine or duplicate something	-buyabuyelela	yenza ukubala kweembalo ukuthola iphrodakthi yeenomboro ezimbili nofana ngaphezulu ezibizwa ngokobana ukungezelelwa okuphindaphindiweko nofana ukwandisa nofana ukukhulisa okuthileko msinyana; hlanganisa nofana ukubuyelela okuthileko
n		N	
natural numbers	set of numbers that are greater than zero; also known as counting numbers example: 1, 6, 89, 345, …	iinomborombala ezingaphezu kwelize ama-natural number	isethi yeenomboro ezikulu kuno-ziro; eyaziwa nangokuthi kubala iinomboro isibonelo: 1, 6, 89, 345,
non-polygons	geometric figures that don't have straight sides or are not closed	okungasiwo amapholigoni	mafiga wejomethri anganamahlangothi

			aqophileko nofana angaka valeki
not limited to	mathematical concept, object or operation is general, extensive or open-ended	ngakakhawulelwa ku-	umqondo weembalo, into ethile nofana umsebenzi jikelele, ubanzi nofana uvulekile
note	written or recorded; worth paying attention to; important or significant	-tjheja	etlolwe namkha irekhodiwe ; kufanele itjhejwe iqakathekile
number	mathematical object used to represent the quantity of objects or items; express the size, length, or amount of something; identify or classify objects, events, or positions.	inomboro	yinto yembalo esetjenziselwa ukutjengisa ikhwanthithi yezinto nofana ama ayithemu; veza ubukhulu, ubude nofana inani lento; nofana ukuhlukanise izinto, izehlakalo nofana indawo
number line	straight line with numbers marked on it at equal financis. 	inambalayini	muda onqophileko oneenomboro ezitshwayiweko ngama inthevali alinganako
number name	word representation of a numerical value, example: one for 1, two for 2, and twenty-five for 25	ibizo lenomboro	kutjengiswa kwegama kwevelu yenyumerikhali isibonelo: kunye ngu-1, kubili ngu-2, kanye namatjhumi amabili nakuhlanu 25
number range	group of numbers that starts from one number and ends at another number.	irherhodlulano leenomboromehluko i-number range	isiqhema seenomboro esithoma kwenye inomboro bese siphetha kwenye inomboro.
number sentence	statement that expresses a mathematical relationship between numbers, using quantities or values, operations or symbols	umutjho weenomboro	isitatimende esiveza ubudlelwano beembalo hlangana neenomboro, ngokusebenzisa amakhwantithi nofana amavelu,ama-opharetjhini nofana amatshwayo
number symbol ((noun phrase)	numbers represented by symbol called numeral, such as 5 for the number five	itshwayo lenomboro	iinomboro ezijanyelwe litshwayo elibizwa nge-nyumerali, njengo-5 wenomboro yesihlanu

number value	worth of each digit in that number which depends on its place value	ubungako benomboro	inani ledijithi ngayinye kuleyo nomboro okuya ngephleyisi velu
numerator	indicates how many equal parts are there 	inambaphezulu inyumereyitha	itjengisa bona zingaki iingcenye ezilinganako 
numeric pattern *(noun phrase)*	sequence of numbers that follows a certain rule or order	iphetheni yeenomboro	ukulandelana kweenomboro ngokulandela umthetho othileko nofana ihlelo
o		O	
odd number	whole number that cannot be divided evenly by 2	inomboro emswenya	holinamba engeze yahlukaniswa ngokulinganako ngo-2
one	first cardinal number; multiplicative identity	kunye	inomboro yokuthoma; yobunikazi bokubuyabuyelela
ones	place value of the rightmost digit in a whole number, representing the value of the digit, example, in the number 37, the 7 is in the ones place, representing 7 ones	abokunye	phleysi velu ledijithi elingakwesokudla kuholinamba, elijamele ivelu ledijithi, isibonelo, kunomboro 37, u-7 usendaweni yangalinye, ejamele u-7
operation sign	mathematical symbols that denote basic operations, example: (+) for addition: (−) for subtraction, × for multiplication, ÷ for division	itshwayo lombalo	amatshwayo weembalo atjengisa imisebenzi esisekelo, isibonelo: sokungezelela: ukukhupha,(+)(−) × ukubuyelela ukwahlukanisa÷
mathematical operation	process performed on numbers , such as addition, subtraction, multiplication and division. example, 4 ÷ 2 + 6 × 2 + 3(5 − 2)	umbalo ngamatshwayo	ikambiso eyenziwa ngeenomboro, njengokuhlanganisa, ukukhupha, ukubuyelela nokwahlukanisa. isibonelo, 4 2 6 2÷ + × +3(5 2)−
ordering data	arranging data in a specific sequence, example: asendingi order, descending order, most occuring, ...	ihlelodatha	ukuhlela idatha ngokulandelana okuthileko, isibonelo: ukulandelana okukhuphukako, ukulandelana okwehlako, okwenzeka khulu, ...
ordinal number	indicates position or rank of something	inomborosikhundla	itjengisa ubujamo nofana isikhundla sento

output	result or value that is produced when a specific input is processed	umphumela	umphumela nofana inani elivezwa lokha okufakwako okuthileko nakusetjenziswa
own creation	ability to design and develop patterns, objects or shapes bheyizid on own ideas and rules	ikghono lokuzitlamela	ikghono lokuzenzela nokuthuthukisa amaphetheni, izinto nofana amatjheybhu ngokuya ngemibono nemithetho yakho
p		**P**	
p.m.	'post meridiem', a latin word for 'after midday' in a 12-hour clock format which shows times after 12 noon but before 12 midnight	i-p.m	'phosti meridayema ', ibizo lesilatini elitjho 'emva kwemini' ngefomethi yewashi yama-awa ali-12 etjengisa isikhathi ngemva kwe-12 emini kodwana ngaphambi kwe-12 ebusuku
palm of hand	old measuring unit which is equal to a width of a hand and it does not include the thumb	ukubala ngentende yesandla	iyunithi yokulinganisa yakade elingana nobubanzi besandla begodu ayifaki isithupha
pattern	arrangement of numbers, lines or shapes that follows a specific rule or sequence	iphetheni	ukuhleleka kwamanani, imida nofana amatjhebhu alandela umthetho othileko nofana ukulandelana
pentagon	closed figure with five straight sides	iphenthagoni	ifiga evalekileko enamahlangothi amahlanu aqondileko
percent	means per 100 or out of 100.	iphesenthi	kutjho nge-100 nofana ngaphandle kwe-100.
percentage	way of expressing a fraction as hundredths represented by symbol (%)	iphesentheji	indlela yokuveza ingcenye njengekhulu elijanyelwe litshwayo (%)
perimeter	primarily applies to 2d shapes, measuring the distance around the shape.	ipherimitha	ikakhulukazi isebenza kumaatjhebhu we-2d, ukulinganisa ibanga elizungeze itjhebhu.
physical form	tangible representation of a mathematical concepts or objects such as geometric objects, counting blocks, etc	ubujamo obubonakalako	kutjengisa okuphathekako kwemiqondo yeembalo nofana izinto ezifana nezinto zejomethri, amabhlogo wokubala, njalo njalo
place holder	symbol or character (□) used to represent an unknown value	isibambelindawo	itshwayo nofana umlingiswa (□) isetjenziselwa ukutjengids ivelu engaziwako
place value	value of every digit in a number depending on its position	ubukhulu bedijithi	velu yayo yoke idijithi kunomboro ngokuya ngobujamo bayo

plus (+)	operation sign used to indicate addition	itshwayo lokuhlanganisa	itshwayo elisetjenziselwa ukutjengisa ukungezelela
polygon	2-dimensional closed figure with straight sides	`ipholigoni	2-dimentjhinali tjheyibhu eyifiga evaliweko enamahlangothi amabili anqophileko
price	amount of money required in exchange for goods and services or symbolize the cost or sacrifice required to achieve or acquire something, beyond just monetary value	intengo	inani lemali etlhogekako malungana nepahla namasevisi namkha litshwaya iindleko okutlhogekako ukufikelela nofana ukuthola okuthileko, ukudlula inani lemali
problem situation	in mathematics, a "problem situation" or a "word problem" presents a real-life scenario requiring mathematical understanding and calculation to solve	ubujamo obumraro	eembalweni, "ubujamo bomraro" nofana "umraro wamagama" uveza ubujamo bamambala obutlhoga ukuzwisisa kweembalo nokubala ukurarulula
problem solving	involves applying logical thinking and established mathematical concepts to find solutions to various problems	ukurarulula umraro	kufaka hlangana ukusebenzisa ukucabanga okuzwakalako nemiqondo yeembalo ehleliweko ukuthola iimpendulo zemiraro ehlukahlukeneko
product	result obtained when two or more quantities are multiplied together or the output or result of a process, effort, or activity	umphumela wokubuyabuyelela	umphumela otholakala lokha amakhwantithi amabili nofana ngaphezulu nakaphindaphindwa ndawonye namkha umphumela nofana umphumela wenkambo, umzamo, nofana umsebenzi
profit	financial gain derived from a business transaction or activity or any benefit or gain, not just financial	inzuzo	inzuzo yeemali etholwe ekuthengiselaneni kwebhizinisi nofana umsebenzi namkha nanyana ngiyiphi inzuzo, ingasi yemali kwaphela
properties of whole numbers	an understand of how whole numbers behave when we perform	imithetjhwana yeenomboro ezipheleleko	ukuzwisisa bona amaholinamba aziphatha njani lokha nasenza imisebenzi efana

	operations like addition and multiplication		nokuhlanganisa nokubuyelela
property	characteristic or rule that consistently applies to a set of numbers, operations, shapes or objects. a property is a characteristic that always remains true or often mean a house, apartment, or land that is owned or rented.	umthetjhwana	ubujamo nofana umthetho ohlala usebenza kuma-opharetjhini wenomboro, imisebenzi, amatjheyibhu nofana izinto. iphrophathi yiphawu elihlala liliqiniso namkha kanengi kutjho indlu, ifulethi, nofana inarha ephethweko nofana eqastjhiweko.
protractor	geometric measuring instrument used to measure and construct angles in degrees 	iphrothrektha	isisetjenziswa sokulinganisa sejomethri esisetjenziselwa ukulinganisa nokwakha ama-engeli ngamadigri
purchase (verb)	buy something	-thenga	thenga okuthileko
q		**Q**	
quadrilateral	closed shape with four straight sides	ikhwadrilatherali	itjheyibhu evaliweko elinamahlangothi amane anqophileko
quantity	measurable attribute or amount, typically expressed numerically with a unit of measurement , and can be anything from a length, mass, time, or a number of items	ubungako ikhwanthithi	ubujamo obulinganisekako nofana inani, okuvamise ukuvezwa ngeenomboro ngeyunithi yokulinganisa, begodu kungaba nanyana yini ukusuka ebudeni, ubukhulu, isikhathi, nofana inani lezinto
quarter past	15 minutes after an hour	-dlule ngekota -dlule ngemizuzu eli-15	15 imizuzu ngemva kwe-iri
quarter to	15 minutes before the next hour	-sele ngekota -sele ngemizuzu eli-15	15 imizuzu ngaphambi kwe-iri elandelako
quarter	one of four equal parts of a whole; symbol ($\frac{1}{4}$)	ikota	enye yeengcenye ezine ezilinganako zeholi ; itshwayo($\frac{1}{4}$)
r		**R**	
rand	unit of money in south africa; symbol (r)	iranda	iyunithi yemali esewula afrika; itshwayo (r)
rate	comparison of quantities of different kinds, which have different units; symbol (per or /)	isilinganiso ireyithi	ukumadanisa amakhwantithi wemihlobo ehlukileko, enamayunithi ahlukileko; itshwayo (/)

ratio	way of comparing two or more quantities of the same kinds; symbol (:)	iretjhiyo	indlela yokumadanisa amakhwantithi amabili nofana ngaphezulu wemihlobo efanako; itshwayo (:)
receive	get something that is sent, delivered or given	-amukela	thola okuthileko okuthunyelwe, namkha okunikelweko
recognise	identify and understand mathematical symbols, concepts, patterns, or relationships	-khumbula	ukukhomba begodu uzwisise amatshwayo weembalo, imiqondo, amaphetheni, nofana ubudlelwano
record	collection of data or information (noun) or put something down in writing or other permanent form (verb)	-rekhoda	ukubuthelelwa kwedatha nofana ilwazi (ibizo) namkha ukutlola okuthileko phasi namkha ngenye indlela ehlala injalo (isenzo)
rectangle	a quadrilateral with four right angles and two pairs of opposite sides equal	irekthengele	i-khwadrilatherali enama-engeli amane aqondileko kanye amabili weempara wamahlangothi aphikisanako alinganako
reduce	make something smaller in quantity or size or decrease the size of the shape or figure while maintaining its proportion by dividing with a constant ratio or scale factor	-phungula	yenza into encani ngobunengi nofana ikhwanthithi namkha yehlisa ubukhulu betjheyibhu nofana umfanekiso ngesikhathi ugcina isilinganiso sawo ngo-ukuhlukanisangesilinganiso esingatjhugulukiko nofana isikeli fektha
regular polygon	straight-sided closed shape with all sides and all angles equal.	ipholigoni ejwayelekileko	itjheyibhu evaliweko eqophileko enawo woke amahlangothi nawo woke ama-engeli alinganako.
relationship	connection or association between two or more things	ubudlelwano ukuhlobana	ukuhlobana nofana ukuhlobana hlangana nezinto ezimbili nofana ngaphezulu
remainder	amount left over after performing a division operation where the dividend is not perfectly divisible by the divisor or	isalela	inani eliseleko ngemva kokwenza umsebenzi wokuhlukanisa lapho isabelo singahlukaniswa ngokupheleleko ngumhlukanisi

<table>
<tr><td></td><td>what is left after something has been taken away or used up</td><td></td><td>namkha
okuseleko ngemva kobana into sele ithathwe namkha isetjenziswe</td></tr>
<tr><td>repeated addition</td><td>method of performing multiplication where you add the same number to itself a certain number of times, example:
3 × 4 is the same as 4 + 4 + 4.</td><td>ukuhlanganisa ngokubuyelela</td><td>indlela yokwenza ukubuyelela lapho ufaka khona inomboro efanako inani elithileko leenkhathi , isibonelo:
3 4 kuyafana no-4 4 4.× + +</td></tr>
<tr><td>repeating pattern</td><td>sequence of patterns that repeats over and over, the patterns can be represented in numbers, shapes, or objects, example:
Δ ; ■ ; Δ ; ■; Δ ; ■ ; Δ ; ■; …</td><td>iphetheni ebuyelelako</td><td>ukulandelana kwamaphetheni aphindaphindekako, amaphetheni angavezwa ngeenomboro, matjheyibhu, nofana izinto, isibonelo:
;Δ■ ; Δ;■;Δ;■ ; Δ;■; …</td></tr>
<tr><td>represent</td><td>signifies using models, symbols, or notation to express or illustrate mathematical ideas, relationships, or concepts.</td><td>-tjengisa</td><td>kutjho ukusebenzisa amamodeli, amatshwayo, nofana ukutlola ukuveza nofana ukuveza imibono yeembalo, ubudlelwano, nofana imiqondo.</td></tr>
<tr><td>round off</td><td>approximation of a number to make it simpler while remaining close to its original value, bheyizid on a particular place value or degree of accuracy</td><td>-tjhideza</td><td>ukulinganisa inomboro ukwenza bona kube lula ngesikhathi ihlala iseduze nevelu yayo yokuthoma, ngokuya ngephleyisi velu elithileko nofana izinga lokunemba</td></tr>
<tr><td>rounding off and compensating</td><td>involves working with simplified numbers to make calculations easier, and then adjusting the answer to make it more accurate, example:
<table><tr><td>256 + 98
= 256 – 2 + 98 + 2
= 254 + 100
= 354</td><td>23 × 48
23 × (48 + 2)
= 23 × 50
= 1 150
compensating:
= 1 150 – (23 × 2)
= 1 150 – 46
= 1 104</td></tr></table></td><td>ukutjhideza nokukhomphenseyitha</td><td>kufaka hlangana ukusebenza ngeenomboro ezilula ukwenza ukubala kube lula, bese ulungisa ipendulo ukwenza bona ibe yinto enembako, isibonelo:
<table><tr><td>256 98+
= 256–
2+98+2
= 254
100+
= 354</td><td>23 48×
23 (48×
+2)
= 23 50×
= 1 150
ukubhadela:
= 1 150–
(23× 2)
= 1 150 –
46</td></tr></table></td></tr>
</table>

			=1 104
row	horizontal arrangement of numbers, words or shapes	ireyi	ukuhleleka okuvundlileko kweenomboro, amagama nofana amatjheyibhu
rule	a statement or principle that guides or governs behaviour, action, or decision-making	umthetjhwana	isitatimende nofana isimiso esiqondisa nofana esilawula ukuziphatha, isenzo, nofana ukuthatha iinqunto
ruler	measuring tool used to measure length	irula	ithulusi lokulinganisa elisetjenziselwa ukulinganisa ubude
s		**S**	
scale	instrument used to measure mass or a way to measure or show how big or small something is, compared to something else	isikali	isisetjenziswa esisetjenziselwa ukulinganisa ubudisi namkha indlela yokulinganisa nofana ukutjengisa bona into yikulu nofana yincani kangangani, nayimadaniswa nenye into
scale calibration	process of adjusting the readings of a weighing scale to ensure its accuracy	ukulinganisa isikali	ikambiso yokulungisa ukufundwa kwesikali sokulinganisa ukuqinisekisa ukunemba kwaso
scale factor	number that is used to enlarge or reduce a figure while maintaining its shape	isikalifektha	inomboro esetjenziselwa ukukhulisa nofana ukunciphisa isibalo ngesikhathi sigcina itjheyibhu yayo
second	the ordinal form of the number two which indicates position in a sequence example: the second day of the month	-kwesibili	indlela yokulandelana yenomboro yesibili etjengisa ubujamo ngokulandelana isibonelo: ilanga lesibili lenyanga
seconds	smallest unit of time counted from 1 to 60 to make a minute.	imizuzwana	iyunithi encani khulu yesikhathi ebalwa ukusuka ku-1 ukuya ku-60 ukwenza umzuzu.
seconds hand	thinnest hand on a clock face which shows how	ilithi lemizuzwana	isandla esincani khulu ebusweni bewatjhi esitjengisa bona mingaki

	many seconds have passed in each minute		imizuzwana edlulile ngomzuzu ngamunye
sequence	an ordered list of objects, numbers or elements	ukuandelana	irhelo elihlelekileko lezinto, iinomboro nofana izakhi
seve	cardinal number between 6 and 8; a phrayimi namba	ikhomba	inomboro ekulu hlangana no-6 no-8; iphraymi namba
seventh	the ordinal form of the number seven, meaning it indicates position in a sequence example: the seventh day of the month or one of 7 equal parts into which a whole is divided, example: $\frac{1}{7}$ 	-kwekhomba	ifomu elihlelekileko lenomboro elikhomba, okutjho bona litjengisa ubujamo ngokulandelana kwesibonelo: ilanga lesikhombisa lenyanga namkha enye yeengcenye ezi-7 ezilinganako lapho okupheleleko kuhlukaniswe khona, isibonelo:$\frac{1}{7}$
sharing	dividing a quantity among a certain number of people or groups	ukwaba	ukwahlukanisa ikhwanthithi hlangana nenani elithileko labantu nofana iinqhema
side	line segment that forms part of the outline or boundary of a shape	ihlangothi	isigaba somuda esakha ingcenye umkhawulo wetjheyibhu
six	cardinal number following 5 and preceding 7; composite numbers	isithandathu	inomboro eqakathekileko elandela u-5 ngaphambi kuka-7; iinomboro ezihlanganisiweko
sixth	ordinal form of the number six, meaning it indicates position in a sequence example: the sixth day of the month or one of 6 equal parts into which a whole is divided, example: $\frac{1}{6}$	kokusithandathu	ifomu ehlelekileko yenomboro yesithandathu, okutjho bona itjengisa ubujamo ngokulandelana kwesibonelo: ilanga lesithandathu lenyanga nofana enye yeengcenye ezi-6 ezilinganako lapho okupheleleko kuhlukaniswe khona, isibonelo:$\frac{1}{6}$
skill	one's proficiency in solving problems, applying concepts accurately, and using mathematical reasoning and strategies,	ikghono	ikghono lomuntu lokurarulula imiraro, ukusebenzisa imiqondo ngokunembileko, nokusebenzisa ukucabanga namaqhinga weembalo,

	including numerical operations, problem-solving strategies, and logical reasoning or learned ability or talent that helps you do something well or efficiently		kufaka hlangana imisebenzi yeenomboro, amaqhinga wokurarulula imiraro, nokucabanga okuzwakalako namkha ikghono olifundileko nofana ithalente elikusiza bona wenze into ethileko kuhle nofana ngendlela ephumelelako
solution	answer to a mathematics problem or an answer, a remedy, or a fix that addresses a challenge or an issue.	isisombululo	ipendulo yomraro weembalo namkha ipendulo, ikhambi, nofana ukulungisa okulungisa isitjhijilo nofana indaba.
solv	find an answer or a solution	-rarulula	thola ipendulo nofana isisombululo
solving problems	apply knowledge and skills to find solutions to various problems	ukurarulula imirar	sebenzisa ilwazi namakghono ukuthola iimpendulo zemiraro ehlukileko
sort	arranging or grouping items in a specific order or bheyizid on shared characteristics	-hlela	ukuhlela nofana ukuhlanganisa izinto ngokulandelana okuthileko nofana ngokuya ngobujamo obufanako
span	unit of measurement of distance between two points or length of the time between two events	isipeni	iyunithi yokulinganisa ibanga hlangana namaphuzu amabili namkha ubude besikhathi hlangana nezehlakalo ezimbili
square	special type of a rectangle with all sides equal	isikwere	umhlobo okhethekileko we-rekthengele enawo woke amahlangothi alinganako
square grid	set of horizontal and vertical lines that form squares of equal sizes	igridi yesikwere	isethi yemida evundlileko nejame patsi eyakha iinkwere ezilinganako
stopwatch	instrument used to measure the elapse of time of an event or activity.	isitopowatjhi	isisetjenziswa esisetjenziselwa ukulinganisa ukudlula kwesikhathi se-iventhi nofana umsebenzi.

study	focused investigation or exploration of a specific concept, theory, or problem	ukufunda	ukuphenya okutjhejileko nofana ukuhlolisisa umqondo othileko, itiyori, nofana umraro
substitute	replace a variable or a placeholder with a specific value or something or someone that takes the place of another when the original is unavailable, unsuitable, or being replaced	-jamiselela	faka esikhundleni se-vayiyebula nofana kuphleyisi holida ngevelu elithileko namkha into namkha umuntu othatha isikhundla somunye lokha into yokuthoma ingatholakali, ingafaneleki, namkha ithathelwa indawo
subtract	take a number or amount away from another.	-khupha	thatha inomboro nofana inani ukususka kwenye.
subtraction	the act of subtracting	ukukhupha	senzo sokukhupha
sum	result or answer after adding two or more numbers or terms.	umphumela wokuhlanganisa	umphumela nofana ipendulo ngemva kokufaka amanani amabili nofana ngaphezulu nofana amathemu.
symbol	figure, sign or a combination of figures that is used to represent an object, operation and relationship	itshwayo	isithombe, itshwayo nofana inhlanganisela yeenthombe ezisetjenziselwa ukujamela into, ukusebenza nobudlelwano
t		**T**	
table	organize and present data using rows and columns, like a grid, often used for displaying relationships between values or summarizing information 	ithebula	hlela begodu wethule idatha ngokusebenzisa imida namakholomu, njengegridi, evame ukusetjenziselwa ukutjengisa ubudlelwano hlangana namavelu nofana ukunciphisa ilwazi
tape measure	flexible, portable tool used to measure distance, lengths, widths and heights in mm, cm, m, ...	itheyibhu yokulinganisa itheyibhu yokumeda	ithulusi elitjhugulukako, eliphathekako elisetjenziselwa ukulinganisa ibanga, ubude, ububanzi nokuphakama nge-mm, cm, m, ...

task	activity designed to engage learners in exploring and applying mathematical concepts and skills, fostering deeper understanding and problem-solving abilities or a specific job, duty, or activity that needs to be completed, often within a certain timeframe	umsebenzilungiselelo ithaski	umsebenzi owenzelwe ukubandakanya abafundi ekuhloleni nokusebenzisa imiqondo namakghono weembalo, ukukhuthaza ukuzwisisa okungeneleleko namakghono wokurarulula imiraro namkha umsebenzi othileko, umsebenzi, nofana umsebenzi okufuze wenziwe, kanengi ngaphakathi kwesikhathi esithileko
technique	method or procedure used to solve problems, perform calculations, or prove theorems	ithekhnikhi	indlela nofana ikambiso esetjenziselwa ukurarulula imiraro, ukwenza ukubala, nofana ukufakazela ama-tiyoremu
temperature	degree of heat present in a substance or object measured in degrees celsius (°c) in south Africa	izingakutjhisa	izinga lokutjhisa elikhona entweni namkha entweni elinganiswa ngamadigri we-selitjhiyasi (°c) esewula afrika
ten	represents a quantity or value of ten (10) and is the bheyizi of the decimal system (bheyizi 10), where each place value is a power of ten	itjhumi	litjengisa ivelu nofana ikhwanthithi ye tjhumi (10) begodu lisisekelo se sisistimu yedesimali (isisekelo 10), lapho iphleyiisi velu ingu-10
tens	group of ten units and forms the second place value position from the right, after the ones place, in a two-digit number like 23 (2 tens and 3 ones)	amatjhumi	isiqhema samayunithi alitjhumi begodu sakha isikhundla sephleyisi velu yesibili ukusuka ngesidleni, ngemva kwendawo eyodwa, ngeenomboro ezinamadijithi amabili njenge-23 (2 yamatjhumi begodu 3 yama yunithi)
tenth	ordinal form of the number ten, meaning it indicates position in a sequence example: the tenth day of the month or one of 10 equal parts into which a whole is divided, example: $\frac{1}{10}$	-kokulitjhumi	indlela yokulandelana yenomboro elitjhumi, okutjho bona itjengisa ubujamo ngokulandelana kwesibonelo: ilanga letjhumi lenyanga namkha enye yeengcenye ezili-10 ezilinganako lapho

			okupheleleko kuhlukaniswe khona, isibonelo: $\frac{1}{10}$
term	an individual element or number in a sequence, which follows a specific pattern or rule or word or expression that has a specific meaning in a particular context	ithemu	into eyodwa nofana inomboro ngokulandelana, elandela iphetheni nofana umthetho othileko namkha igama nofana i-eksphretjhini ehlathululo into ethileko ubjujamo obuthize
thermometer	instrument used to measure temperature	ithemomitha	isisetjenziswa esisetjenziselwa ukulinganisa amazinga womtjhiso
thickness	measure of distance from one surface of an object to the opposite surface.	Ubumabhombo, ubudege	isilinganiso sebanga ukusuka kwenye indawo yento ukuya kwenye indawo.
third	ordinal form of the number three, meaning it indicates position in a sequence example: the 3rd day of the month (adjective) or one of 3 equal parts into which a whole is divided, example: $\frac{1}{3}$	-kokuthathu	indlela yokulandelana kwenomboro yesithathu, okutjho bona itjengisa ubujamo ngokulandelana isibonelo: ilanga lesi-3 lenyanga (isiphawulo) namkha enye yeengcenye ezi-3 ezilinganako lapho okupheleleko kuhlukaniswe khona, isibonelo: $\frac{1}{3}$
thousand	numerical value representing 10 groups of 100	ikulungwana	inani leenomboro elijamele iinqhema ezi-10 e-100
thousands	bheyizi-10 system representing 10 groups of 100 or 100 groups of 10	iinkulungwana	ihlelo le-bheyizi-10 elijamele amaqembu ali-10 we-100 nofana amaqembu ali-100 we-10
thousandth	ordinal form of the number thousand, meaning it indicates position in a sequence, example: zodwa was the 1 000th baby to be born in 2023 (adjective) or one of 1 000 equal parts into which a whole is divided, example: $\frac{1}{1\,000}$	-kokuyikulungwana	ubujamo obuhlelekileko benomboro eyikulungwana, okutjho bona itjengisa ubujamo ngokulandelana, isibonelo: u-zodwa bekangumntwana we-1 000 ozokubelethwa ngo-2023 (isiphawulo) namkha enye yeengcenye ezili-1 000 ezilinganako lapho okupheleleko kuhlukaniswe khona, isibonelo: $\frac{1}{1\,000}$

three	cardinal number between 2 and 4; a phrayimi namba	kuthathu	inomboro ekulu hlangana no-2 no-4; phrayimi namba
time	measure of the duration or period	isikhathi	isilinganiso sesikhathi nofana isikhathi
time intervals	period between two points in time	imeqombalo yesikhathi ama-inthevali wesikhathi	isikhathi esiphakathi kwamaphuzu amabili ngesikhathi
today	current day	namhlanjesi	ilanga esikilo
total amount	sum or whole amount resulting from adding two or more numbers or quantities together	inani eliphelelekо	isamu nofana inani eliphelelekо elivela ekuhlanganiseni iinomboro ezimbili nofana ngaphezulu nofana amakhwantithi ndawonye
total length	sum of all lengths or the overall extent of something from one end to the other	ubude obuphelelekо	isamu sobude boke nofana ubukhulu obuphelelekо bento ukusuka entweni ethile ukuya kwenye
trial and improvement	problem-solving strategy that involves repeatedly testing possible solutions or guesses and refining them bheyizid on the results to arrive at the correct or an approximate answer, especially when an exact solution is difficult to find directly	ukulinga nokwenza ngcono	iqhinga lokurarulula imiraro elifaka hlangana ukuhlola ngokuphindaphindiweko iinsombululo ezingaba khona nofana ukuqagela nokuzilungisisa ngokuya ngemiphumela ukufikelela ependulweni elungileko nofana elinganiselwe, khulukhulu lokha nakunzima ukuthola isisombululo esiqondileko ngokunqophileko
triangle	closed shape with three straight sides	ithrayi-engeli	itjheyibhu elivaliweko enamahlangothi amathathu aqophileko
trundle wheel	sometimes called a metre wheel, a device for measuring distances that are long for a tape measure, or not always in a straight line; units include m, km	ivilomitha	kwesinye isikhathi ibizwa ngevili lemitha, isisetjenziswa sokulinganisa amabanga amade wetheyiphu yokulinganisa, nofana ingasi ngaso soke isikhathi emideni oqophileko; amayunithi afaka hlangana m, km
twice	two times or double	-kabili	buyelela kabili
two	cardinal number between 1 and 3; phrayimi namba	okubili	inomboro ekulu hlangana no-1 no-3; phrayimi namba
u		**U**	

uncalibrated scale	weighing scale that has not been verified for accuracy	isikali esingakalinganiswa	isikali sokulinganisa esingakaqinisekiswa ukunemba
unit	a single, distinct, and well-defined entity that serves as a standard or reference for measurement, quantity, or classification, example: metre, thousands; quarters; ...	iyunithi	into eyodwa, ehlukileko, nehlathululwe kuhle esebenza njengezinga nofana ireferentsi yokulinganisa, ikhwanthithi, nofana ukuhlukanisa, isibonelo: imitha, iinkulungwana; amakota; ...
unit of measurement	standard of measurement used to quantify or express a specific quantity or magnitude, such as meters for length, kilograms for mass, or seconds for time	iyunithi yokulinganisa	izinga lokulinganisa elisetjenziselwa ukulinganisa nofana ukuveza ikhwanthithi ethileko nofana ubukhulu, njengamamitha wobude, amakhilogremu wobukhulu, nofana imizuzwana yesikhathi
v		**V**	
value	a worth of something which can be a specific number, a variable or a constant	ubungako	inani lento engaba yinomboro ethileko, into etjhugulukako nofana into engatjhugulukiko
verbally	expressed or communicated using words, either spoken or written	ngomlomo	evezwa namkha ekhulunywa ngokusebenzisa amagama, kungaba ngokukhulunywa namkha ngokutlolwa
vertex	point at which two or more lines meet in an object or shape	itlobo ivetheksi	iphuzu lapho imida emibili nofana ngaphezulu ihlangana khona entweni nofana kutjheyibhu
vertical	something standing straight up and down, like a line or a surface that goes from top to bottom.	-jame rwe	into ejame patsi phezulu begodu phasi, njengelayini nofana indawo esuka phezulu ukuya phasi.
volume	amount of space an object or substance takes up; measured in cubic units or litres	inanisikhala ivolumu	inani lesikhala esithathwa yinto ; kulinganiswa ngamayunithi we-khubhikhi nofana amalitha
w		**W**	
watch	tool that measures, keeps and indicate time in units of hours, minutes and seconds; designed to be worn on the wrist or carried in the pocket	iwatjhi	ithulusi elilinganisa, ligcine begodu litjengise isikhathi ngamayunithi wama-iri, imizuzu nemizuzwana; yenzelwe ukwembathwa

			esandleni noma ukuphathwa ephaketheni
week	unit or period of time equal to seven days	iveke	iyunithi nofana isikhathi esilingana namalanga alikhomba
whole number	collection of all the basic counting numbers and 0; in mathematics, counting numbers are called natural numbers	inomborombala inomboro epheleleko	ukubuthelelwa kwazo zoke iinomboro zokubala ezisisekelo kanye no-0; eembalweni,ukubala iinomboro kubizwa bona ziinomboro zeemvelo
width	horizontal measurement or distance measured from side to side; sometimes called breadth	ububanzi	ukulinganisa okuvundlileko nofana ibanga elilinganiswa ukusuka ehlangothini ukuya ehlangothini; kwesinye isikhathi ibizwa ngokuthi budege
word problem	mathematical exercise presented in a narrative or story format, requiring the reader to extract the relevant information, represent it as a number sentence and apply mathematical concepts and operations to solve it	umraro wamagama	umsebenzi weembalo owethulwe ngendlela yokulandisa nofana indatjana, ofuna bona umfundi akhuphe ilwazi elifaneleko, alijamele njengomutjho weenomboro bese asebenzisa imiqondo nemisebenzi yeembalo ukuyirarulula
x		**X**	
y		**Y**	
year	a period of twelve months	umnyaka	sikhathi seenyanga ezi-12
z		**Z**	
zero	additive identity (adding zero to any number results in the same number) and a placeholder in our number system; forms the foundation for various mathematical concepts and calculations	uziro	ubunikazi obungezelelweko (ukungezelela u-ziro kiyo nanyana ngiyiphi inomboro kuphumela enomborweni efanako) kanye nephleyisi holida yendawo erherhweni lethu leenomboro; yakha isisekelo semiqondo ehlukileko yeembalo