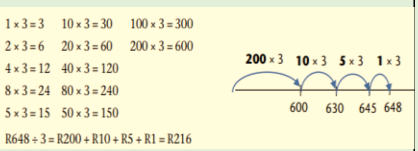
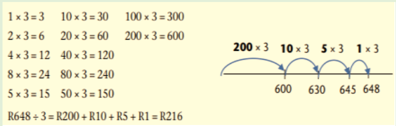
TERMINOLOGY

ENGLISH	DEFINITIONS AND / OR EXPANATION	ISIZULU	ISICHASISO
12 - hour clock	clock that divides the 24 hours of the day into two 12- hours periods: a.m. and p.m.	ikilokhi lamahora ayi-12	iwashi (iklokhi) elihlukanisa amahora angama-24 osuku ngesikhathi samahora ayi-12: a.m. no p.m.
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	ikilokhi lamahora angama-24	iwashi (iklokhi) elisho isikhathi esisebenzisa izinamba 00:00 kuya kuma- 23:59; yaziwa nangokuthi isikhathi sezempi esisebenzisa amadigithi amane, lapho amabili okuqala akhombisa ihora bese amabili okugcina akhombisa imizuzu
2-dimensional shape	closed flat shape that has only two dimensions i.e. length and width (breadth), with no thickness or depth	umumombili / i-2D	isheyphu evalekile eyisibaca enama daymenshini amabili okuwubude nobubanzi, engenabo ubugqinsi nokujula.
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	‘ante meridiem’, yigama lesiLathini elisho 'ngaphambi kwemini;' likhombisa isikhathi ngemva kwe-12 phakathi nobusuku kodwa ngaphambi kwe-12 emini; lihlobene newashi lamahora ayi-12
accurate measurement	measure of how close a value is to the actual true value	isilinganiso esinembayo	ukukala ukuthi ivelyu isondele kangakanani kwivelyu yangempela
actual measurement	true value of a quantity being measured or the value that exists independently of any measurement errors or uncertainties	isilinganisongqo/ imejamentingqo	kukalwa ivelyu yangempela noma ivelyu ekhona yanoma imaphi amaphutha okukala noma ukungabaza
add	combine or join two or more numbers, amounts, or things to get a total	ukuhlanganisa	hlanganisa noma joyina izinamba ezimbili noma ngaphezulu, inani noma izinto ukuthola isamba
addend	number that is added to another; if you add 10 to 15, then both10 and 15 are addends	i-edendi	inamba ehlanganiswa nenye; uma uhlanganisa i-10 ne-15, kokubili i-10 ne-15 kungama-edendi
addition	act of adding	ukuhlanganisa	ukwenza ukuhlanganisa
additive inverse	*number which when added to the original number results to zero*	isihlanganiswa esiphendukezel we /	inamba okuthi uma ihlanganiswa nenamba

		i-invesi eyi e-dithithu	esekuqaleni umphumela kube uziro
additive property	adding zero to any number does not change the value of the number	iphrophathi eyi-edithive	uma uhlanganisa uziro nanoma iyiphi inamba ivelyu yenamba ayishitshi
Afternoon	time of day that starts at mid-day and ends at sunset	intambama	iskhathi sosuku esiqala phakathi nosuku siphele ekushoneni kwelanga
altogether	combination of two or more quantities, values, or sets into a single, unified whole	okuphelele	ukuhlanganisa izinto ezimbili noma ngaphezulu, amavelyu, noma amasethi abe into eyodwa, okuphelele okuhlanganisiwe
amount	quantity of something often expressed as a numerical value	inani	ubuningi bento evame ukuvezwa njengenyumerikhalivelyu
analogue clock	clock that has a face with numbers from 1 to 12; it has moving hands that tell time	ikilokhi yezinti	iwashi elinefeysi enezinamba ezisuka koku-1 kuya koku-12; linezinti ezihambayo ezisitshela isikhathi
angle	measure of the amount of turning between two intersecting lines	iyengela/ i-engela	ukukala inani lokujika phakathi kolayini ababili abaphambanayo
anticlockwise	direction of rotation that is opposite to the direction of the hands of the clock	okungahambi njengewashi /oku-antikilokhiwayzi	indlela yokujikeleza ephambene nendlela yokujikeleza kwezinti zewashi
approximate	number or measurement that is close to the actual, but not completely accurate or exact	ukulinganisela	inamba noma imejamenti esondelene neyangempela, kodwa okungasiyo eyangempela noma eqinisile
area	how much surface a shape has; it is measured in square units such as square centimetres square metres and square kilometres	ubungakondawo/ i-eriya	isheyphu inendawo engakanani; ikalwa ngamaskweyunithi njengama skwesentimetha nama skwekhilomitha
arrange	order or organize objects, numbers, or elements in a required order or pattern	ukuhlela	hlela ama-objekhthi, izinamba noma ama-elementi adingekayo okulandelana noma iphethini
ascending order	arrangement of numbers from smallest to largest; also known as increasing order	uhlelokwenyuka	ukuhlelwa kwezinamba usuka kwencane uya kwenkulu, iphinde yaziwe ngokuthi ukuhleleka okwandayo
associative property	when adding or multiplying numbers, the way in which numbers are grouped by brackets, does not affect their sum or product, e**xample**: $(1+7)+3=1+(7+3)=11$	iphrophathi yokuhambelanayo/ iphrophathi yokuhlobanayo	uma uhlanganisa noma uphindaphinda izinamba, indlela izinamba eziqoqwe ngayo kubakaki akuyishitshi isamu noma iprodakthi

			isibonelo: (1 + 7) + 3 = 1 + (7 + 3) = 11
at least	not less than; at the minimum	okungenani	okungekho ngaphansi; okungenani
B		**B**	
balance	device used to measure the mass of an object by comparing it to a known weight or mass	isikalikuqhathanisa/ isikali sokubhalansisa	insizakusebenza esetshenziselwa ukukala isisndo se-obhjekhthi ngokuyiqhathanisa neweythi eyaziwayo noma isisindo
base ten	place value system that uses decimal numbers; uses *ten digits from 0 to* 9 to represent any number.	insuselwashumini	isistimu yepleysivelyu esebenzisa izinamba ezingamadesimali; isebenzisa amadijithi ukusuka ku-0 kuya koku-9
bathroom scale	device that measures the mass of an object or person, typically in units of mass such as kilograms	isikali sasebhathrumu	insizakusebenza ekala isisindo se-objekhthi noma somuntu ,ngokuvamile ngamayunithi esisisndo njengama khilogremu
breaking down and building up strategy	maths strategy that involves decomposing numbers or quantities into parts, manipulating those parts, and then reassembling them	isukuhlakaza nokwakha	isu lemethamethiksi elibandakanya ukuhlakaza izinamba noma izingxenye zezinamba, usebenzise lezo zingxenye bese uzihlanganisa kabusha
breaking down numbers	splitting numbers into parts	ukuhlakaza izinamba/ ukuhlakaza izinombolo/ ukucozulula	ukuhlukanisa izinamba zibe izingxenye
C		**C**	
calculate)	determine or find a numerical value or answer by performing mathematical operations or using logical reasoning	ukubala	hlonza noma thola inyumerical velyu noma umphumela ngokusebenzisa izimpawu zemethamethiksi noma ngokusebenzisa umqondo ohlelekile
calculation plan	detailed step-by-step procedure, for performing a calculation or solving a mathematical problem example: rule in a flow diagram	uhlelokubala	inqubo enemininingwane yesinyathelo ngasinye ukwenza amakhalkhuleyshini noma ukusombulula izimo zemethamethiksi, isibonelo umthetho kwiflowudayagramu
calculation rule	mathematical formula, method, or procedure used to perform a specific calculation or solve a particular problem	umthethokubala	ifomula yemethamethikhsi, indlela, noma inqubo esetshenziswa ukwenza ikhalkhuleyshini ethile noma ukusombulula isimo

calculation technique calculation strategy	systematic method or procedure used to perform mathematical calculations, solve problems, or simplify complex expressions	indlelakubala isukubala	indlela ehlelekile noma inqubo esetshenziswa ukwenza amakhalkhuleshini emethamethiksi, ukusombulula izimo, noma ukwenza lula ama-eksphrejini ayinkimbinkimbi
calculator	device that does mathematical calculations quickly	ikhalkhuleytha	umshini noma insizakusebenza eyenza amakhalkhuleyshini emethamethiksi ngokushesha
calculator keys	buttons on a calculator are called keys; a key is pressed to give instructions to a calculator	izinkonobho zekhalkhuleytha	amabhathini akwikhalkhuleytha abizwa ngamakhizi; i-key iyacindezelwa ukunikeza imiyalelo kwikhalkhuleytha
calculator sequence	series of numbers or mathematical operations performed in a specific order, typically using a calculator or computer program, example: (2 x 3) + 10 2 × 3 + 1 0 = 2 x (3 + 10) 3 + 1 0 × 2 =	amanyathelokubala ekhalkhuleytha	ukulandelana kwezinamba noma izimpawu zemethamethiksi ezisetshenziswe ngokulandelana okuthile, ngokuvamile kusetshenziswa ikhalkhuleytha noma iphrogremu lwekhompyutha : (2 x 3) + 10 2 × 3 + 1 0 = 2 x (3 + 10) 3 + 1 0 × 2 =
calendar	chart showing time divided into years, months, weeks and days	ikhalenda	ishadi elikhombisa isikhathi lihlukaniswe ngeminyaka, izinyanga, amasonto nezinsuku
calibration weights	standard weight with a known mass, used to calibrate weighing instruments or scales to ensure their accuracy	isisindo sekhalibhreshini	iweythi ejwayelekile enesisindo esaziwayo, esisetshenziswa ukulinganisa izinto zokukala noma izikali ukuqinisekisa ubuqiniso baso
capacity	how much something holds; example: the seating capacity of a room or the largest amount of the liquid that a container can hold	umthamojikelele / umkhawulomthamo/ ikhaphasithi	into iphethe umthamo ongakanani; isibonelo: ikhaphasithi yokuhlala yegumbi noma inani elikhulu loketshezi elingaphathwa yisitsha
cardinal number	number used for counting; excludes 0	inamba eyikhadinali/ inombolo eyikhadinali	inamba esetshenziselwa ukubala; ayibandakanyi u-0
centimetre	unit to measure length	isentimitha	iyunithi yokukala ubude
Characteristic	specific feature of a shape or object	uphawubunjalo	isici esithize sesheyphu noma i-objekthi
circle	closed shape consisting of points that are all equidistant	indilinga	isheyphu evalekile enamaphoyinti alinganayo

	from a central point called the centre		uma usuka ephoyintin eliphakathi nendawo elibizwa ngokuthi isenta
Circular	shape of a circle	okuyindilinga	isheyphu yesekeli
circumference	distance around the circle	umdiyondingilizi/ isekhamfarensi	ibanga uma uzungeza isekeli
clock	tool that measures, keeps and indicate time in units of hours, minutes and seconds	ikilokhi	ithuluzi elikala, eligcina futhi elikhombisa isikhathi ngamayunithi amahora, amaminithi nemizuzu
clockface	circular representation of a 12-hour or 24-hour cycle, divided into equal parts, with each part representing a unit of time	ubuso bekilokhi	ukutshengiswa ngokuyisekhula komjikelezo wewashi lamahora ayi-12 noma lamahora angama-24, lihlukaniswe izingxenye ezilinganayo, ingxenye ngayinye imele iyunuthi yesikhathi
clockwise	direction or orientation that follows the rotation of the hands of a clock	okuhamba njengewashi/ ikilokhiwayzi	indlela noma umumo olandela ukuzungeza kwezinti zewashi
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: $2 + 3 = 5$	inambamusho evalekile/ inombolomusho evalekile/ inambamugqa evalekile/ inombolomugq a evalekile	isentensi lemethamethiksi elingenayo ivariyebuli noma ipleysholda, eliqondile futhi elinesixazululo esisodwa, 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*	ibhodikwelekelel a/ ikilubhodi	*ishadi elikhethekile noma ithebula elikusiza ukusombulula isimo ngokukunikeza izeluleko noma imikhondo ekusiza uhlele kahle ulwazi nokwenza kube lula ukuthola umphumela* 
collective	group or set of elements, rather than individually; have properties or operations that apply to the entire collection	iqoqo	iqembu noma isethi yama-elementi, kunokuba ibe ngayinye; elinamaphrophathi noma izimpawu ezisebenza kulo lonke iqoqo
column	vertical arrangement of numbers, words or shapes	ikholamu	ukuhlela okuvethikhali kwezinamba, amagama noma amasheyphu
column method	mathematical way of adding,	indlelakubala ngokwekholamu	indlela yemethamethiksi

	subtracting, or multiplying numbers by writing them in columns		yokuhlanganisa, ukususa, noma ukuphindaphinda izinamba ngokuzibhala kwikholomu
combine	bring separate things together into one group	ukuhlanganisa	hlanganisa izinto ezihlukene zibeyiqembu elilodwa
common fractions	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 $\frac{6}{7}$	iqhezu eliyinsusela/ ifrekhshini eyinsusela /iqhezumvama	izingxenye ezilinganayo zeholi ezinezingxenye ezimbili okuyi, nyumaretha (esitshela ukuthi zingaki izingxenye ezilinganayo onazo) nedinominetha (esitshela ukuthi iholi ihlukaniswe izingxenye ezingaki), isibonelo: $\frac{1}{2}$ no $\frac{6}{7}$
commutative property	order of numbers can be changed when adding and multiplying and the answer remains the same. example: $4 + 5 = 9$, and $5 + 4 = 9$ also $2 \times 3 = 6$ and $3 \times 2 = 6$	iphrophathi eyikhomuthethivu	ukuhleleka kwezinamba kungashintshwa uma sihlanganisa noma siphindaphinda futhi umphumela ufane isibonelo: $4 + 5 = 9$, no $5 + 4 = 9$ futhi no $2 \times 3 = 6$ no $3 \times 2 = 6$
compare	look for ways in which two or more things are the same and the ways in which they are different	ukuqhathanisa	bheka izindlela ukuthi izinto ezimbili noma ngaphezulu zifana kanjani nezindlela ezihluke ngazo
compare numbers	determine their relative size or order	ukuqhathanisa izinamba/ ukuqhathanisa izinombolo	thola ukuhlobana kobukhulu noma 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	ukunxephezela ukuhlelemba/ ukubuyisela	hlinzeka ngokuthile, ngokuvamile ngendlela yokukhokha, umvuzo, noma inzuzo, ukuze kulungiswe ukulahlekelwa, ukulimala, noma ukuphazamiseka noma ukulinganisa ivelyu noma umthelela ngokuhlanganisa noma ngokususa ivelyu evumelanayo
complete	add the missing parts so that nothing is missing	ukuqedela	engeza izingxenye ezingekho ukuze kungabikho lutho okungekho
composite numbers	whole numbers with more than two factors, example: the factors of number 4 are 1, 2 and 4	inamba eyikhompozithi /inombolo eyikhompozithi	amaholinamba anamafektha angaphezu kwamabili, isibonelo: amafektha o-4 oku -1, 2 noku- 4

concept	general thought or idea; something abstract that is precisely defined and described using mathematical language and notation	umqondomsuka / ikhonsephthi	umcabango ojwayelekile noma umqondo; into engabonakali echazwe kahle futhi echazwe kusetshenziswa ulimi lwemethametikhsi kanye nenotheshini
consecutive days	days that come after the other with no skipped days in between	izinsuku ezilandelanayo	izinsuku ezilandela ezinye zingekho izinsuku ezeqiwe phakathi
consecutive numbers	numbers that follow each other in a pattern / sequential order. e.g, 1, 2, 3, 4, and 5 are consecutive numbers, as are 10, 11, and 12	izinamba ezilandelanayo/ izinombolo ezilandelanayo	izinamba ezilandelanayo kwiphethini/ ukuhleleka okulandelanayo isibonelo 1, 2, 3, 4, and 5 izinamba ezilandelanayo, kanjalo ne-10, 11, and 12
consecutive weeks	weeks that come after the other with no skipped weeks in between	amasonto alandelanayo	amasonto alandela amanye engekho amasonto eqiwe phakathi
consecutive years	years that come after the other with no skipped years in between	iminyaka elandelanayo	iminyaka elandela eminye ingekho iminyaka eqiwe phakathi
constant	anything that stays the same when all other parts do change in a pattern, equation or expression	okungaguquki/ isimanjalo	noma yini engashintshi uma zonke izingxenye zishintsha kwiphethini, i-ikhweshini noma i-eksphreshini
constant difference	same number which is added or subtracted in a sequence of numbers	idifarensi engaguquki	inamba efanayo ehlanganiswayo noma esuswayo kwisikhwensi yezinamba
constant ratio	same number which is used to multiply or divide the numbers in a seqence of numbers	inanisiqhathanis o elingaguquki	inamba efanayo esetshenziselwa ukuhlanganisa noma ukususa kwisikhwensi yezinamba
container	object or structure that can hold something	isiqukathi	i-obhjekhthi noma isakhiwo esingaphatha okuthile
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	ukuguqula	inqubo yokuguqula ivelyu noma i-eksphreshini isuke kwenye iyunithi iye kwenye ibe igcina incazelo yemethamethiksi kanye nevelyu, isibonelo ukushintsha amamitha abe amakhilomitha
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	ukopisha bese uyaqedela	imisebenzi lapho uphindaphinda iphethini enikeziwe, isikhwensi, noma i-eksprejini bese ugcwalisa izingxenye ezingekho ukuze uyenze iphelele

corner	point where two or more edges, lines, or curves meet, forming an angle	ikhona	iphoyinti lapho kuhlangana khona ama-eji, olayini noma amakhevu amabili noma ngaphezulu, amajika, akhe i-engeli
correct	solution, answer, or process that adheres to established rules and definitions, resulting in a valid and accurate outcome	okulungile/ okuyikho	isixazululo, impendulo, noma inqubo enamathela emithethweni nezincazelo ezimisiwe, okuholela kumphumela ovumelekile nongenaphutha
count	act of determining the quantity or the total number of objects in a set or a group	ukubala	isenzo sokuthola ubuningi noma isamba esiphelele sama-obhjekhthi kwisethi noma eqenjini
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	amakhawnta	izinto ezibonakalayo, ngokuvamile amadiski amancane noma ama-tshiphsi, asetshenziselwa ukukhombisa izinamba noma amanani, ezisiza ekuboneni ngeso lengqondo nokumaniphuletha amakhonsephthi emethamethikhsi afana nokubala, ukuhlanganisa, ukususa nokunye okuningi
counting backwards	count in descending order, starting from a given number and decreasing by a certain interval each time	ukubala uye emuva	bala ngokwedisendingi oda, uqale enambeni onikezwe yona futhi yehle ngesikhawu esithile isikhathi ngasinye
cubit	ancient unit of length based on the distance from the elbow to the tip of the middle finger	Ikhyubhithi	iyunithi yasendulo yobude esekelwe ebangeni ukusuka endololwaneni ukuya esihlokweni somunwe ophakathi
curved side	boundary or edge of a shape or object that is not straight, but follows a smooth, continuous arc or curve	uhlangothi olugobile	umngcele noma i-eji yesheyphu noma ye-obhjekhthi engaqondile, kodwa ilandela i-akhi ebushelelezi eqhubekayo noma ikhevu
D		**D**	
date	record showing a given day, month and year, example: 20 March 2025 or 20-03-2025	usuku	irekhodi elibonisa usuku olunikeziwe, inyanga nonyaka, isibonelo: 20 Mashi 2025 noma 20-03-2025
day	unit of time representing a 24-hour period	usuku	iyunithi yesikhathi emele isikhathi samahora angama-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 ledesimali	isetshenziswa ukuhlukanisa ingxenye eyiholi (ngakwesokunxele) engxenyeni eyifrekhshini (ngakwesokudla) senamba; eNingizimu Afrika kusetshenziswa idesimalikhoma
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	iqhezu ledesimali	izinamba ezingasiyo iholi zisebenzisa desimalikhoma ukuhlukanisa ingxenye yeholinamba kwingxenye yefrekhshini, isibonelo: 3,14 noma 12,5
decrease	make the amount or quantity smaller or lesser	ukunciphisa	yenza i-amawunti noma inani libe lincane noma libe ngaphansi
degrees Celsius (°C)	unit commonly used to measure temparature, example: 21℃	isilinganisi sezingakushisa iCelsius (°C)	iyunithi evame ukusetshenziselwa ukukala izinga lokushisa, isibonelo: 21℃
denominator	indicates how many equal parts a whole is divided into $\frac{3}{4}$ ← denominator	umehlukanisa/ inambaphansi yeqhezu/ unombolophansi weqhezu/ idinomineytha	ikhombisa ukuthi iholi ihlukaniswe izingxenye ezingaki ezilinganayo $\frac{3}{4}$ ← dinominetha
deposit	amount of money placed into an account (noun) or put or set down (something or someone) in a specific place (verb)	imali efakwa ku-akhawnti/ ukufaka imali ku-akhawnti	i-amawnti efakwe kwi-akhawunti (ibizo) noma beka noma beka phansi (into noma othile) endaweni ethile (isenzo)
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	ukujula/ukudepha	ukukala ukuthi into ijule kangakanani, isibonelo: ungakala ukujula kwebhokisi; uma uthola ibanga phakathi kwengxenye eyodwa ekugcineni kwebhokisi kanye nenye ingxenye ekugcineni kwebhokisi , ukala ukujula kwebhokisi
descending order	items arranged from highest to lowest or biggest to smallest	uhlelokwehla	ama-aythemu ahlelwe kusukela kwenkulu kuya kwencane
describe	provide a detailed account of what something is, example: its properties and functions, using words or pictures	ukuchaza	nikeza incazelo enemininingwane yokuthi okuthile kuyini, isibonelo amaphrophathi nemisebenzi

			awo, usebenzisa amagama noma izithombe
design	create shapes, objects and patterns following specific rules or plan	ukudizayna	enza amasheyphu, ama-obhjekhthi namaphethini alandela imithetho ethile noma uhlelo
destination	final point of journey or trip	impelahambo	iphoyinti lokugcina lohambo
determine	find out the exact information or the exact answer about something	ukuthola	thola ulwazi oluqondile noma impendulo eqondile ngokuthile
diagonal	line that connects two vertices of a polygon, that are not on the same line	inhlanganisama khona/ idayagonali	ulayini oxhumanisa amavetheksi amabili epholigoni, angekho emgqeni ofanayo
diagram	drawing or picture used to visualise something	umdwebo	umdwebo noma isithombe sisetshenziselwa ukubuka okuthile
diagram form	visual representation of something using diagrams, graphs, charts or other visual aids	ukuveza ngokomdwebo	ukubuka into ethile etshengisiwe usebenzisa amadayagramu, amagrafu, amashadi noma ezinye izinsiza ezibukwayo
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	idifarensi	umphumela uma ususa inamba noma inani kwenye inamba, isibonelo: $26-16=10$, i-10 umehluko phakathi kwama-26 ne-16 noma ukuqhathanisa kwanoma yini ngokwamakharakhtharistikhs i ayo
digit	any of the symbols (0, 1, 2, 3, 4, 5, 6, 7, 8, or 9) used to represent numbers, especially within our common base-10 (decimal) system	idijithi	noma yiziphi izimpawu (0, 1, 2, 3, 4, 5, 6, 7, 8, noma 9) ezisetshenziselwa ukubonisa izinamba, ikakhulukazi ngaphakathi kwesistimu yethu evamile yebheysi-10 (isistimu yedesimali)
digital clock	clock displaying time in a numeric format using digits to show the hours and minutes (and sometimes seconds)	ikilokhi eyidijithali/ isikhathi esiwumcwayize ni	iwashi elibonisa isikhathi ngenyumerikhi fomethi kusetshenziswa amadijithi ukukhombisa amahora namaminithi (futhi kwesinye isikhathi namasekhondi)
digital time	display of time using numerical digits	isikhathi esiyidijithal/ isikhathi esiwumcwayize ni	bonisa isikhathi usebenzisa amanyumerikhi dijithi

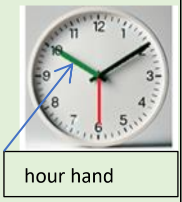
dimension	measurable extent of a particular kind, such as length, breadth, depth, or height	isilinganisobungako/ idaymenshini	isikalo sobukhulu bento yohlobo oluthile, njengobude, ububanzi,ukujula nokuphakama
distance	measure of how far apart two points are	ibanga	ukukala ukuthi amaphoyinti amabili aqhelelane kangakanani
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 products together example: $2(3 + 5) = 2 \times 3 + 2 \times 5$; this property also applies to subtraction	iphrophathi eyimpindakusetshenziswa	ukuphindaphinda isamu yama-edendi amabili noma ngaphezulu ngenamba kuzokunikeza umphumela ofanayo noma ngabe uphindaphinda i-edendi ngayinye ngenamba bese uhlanganisa amaprodakhthi ndawonye, isibonelo $2(3 + 5) = 2 \times 3 + 2 \times 5$; lokhu kuyasebenza nasekususeni
divide	break up or share a quantity into equal parts or groups or separate or be separated into parts.	ukuhlukanisa	hlukanisa bese waba inani libe izingxenye ezilinganayo noma amaqoqo noma hlukanisa noma kuhlukaniswe izingxenye
dividend	number being divided in a division problem, example: in the number sentence $\frac{15}{3} = 5$, the number 15 is the dividend	isahlukaniswa/ idividendi	inamba ehlukaniswayo uma kwenziwa isibalo sokuhlukanisa, isibonelo:kwinambasentensi $\frac{15}{3} = 5$, inamba eyi-15 iyidividendi
divisible	describes a number that can be divided by another number without leaving a remainder	okwahlukanisekayo	ichaza inamba engahlukaniseka ngenye inamba ngaphandle kokushiya insalela (rimeynda)
division	action of dividing	ukuhlukanisa	ukwenza ukuhlukanisa
divisor	number that divides another number, example: $12 \div 3 = 4$, the number 3 is a divisor of 12	Isehlukanisi/ idivayza	inamba ehlukanisa enye inamba , isibonelo: $12 \div 3 = 4$, inamba oku-3 iyidivaysa ye-12
double	add the same thing to itself, or multiply something by 2, resulting in twice the original, example., double 8 is 16	ukuphinda kabili	hlanganisa into efanayo kuyona, noma phindaphinda okuthile ngo-2, okuholela ekuphindweni kabili kwenamba eyi-orijinali, isibonelo., phinda kabili isi-8 kwenza i-16
doubling and halving strategy	multiplication strategy which involves doubling one factor and halving the other to make the calculation simpler	isu lokuphinda kabili nokuhlukanisa kabili	isu lokuphindaphinda elibandakanya ukuphinda kabili ifektha eyodwa nokuhlukanisa enye

			ngohhafu ukwenza ikhalkhuleyshini ibe lula
draw	create a picture or diagram by using a pencil, pen or other instrument	ukudweba	enza isithombe noma idayagramu usebenzise ipensela, ipeni noma enye i-instrumenti
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	igama elisetshenziselwa ukukhombisa ukuthi isitatimende noma uphawu lusebenza kwi-elementi ngayinye noma iyunithi ngaphakathi kwesethi noma iqoqo
earn	get money in exchange for work that you do or receive or gain something as a result of effort, work, or achievement	ukuzuza	thola imali ngokushintshanisa nomsebenzi owenzayo noma ukuthola noma ukuzuza okuthile ngenxa yomzamo, umsebenzi, noma impumelelo
eight	cardinal number between 7 and 9; composite number	isishiyagalombili	ikhadinalinamba ephakathi kwe-7 ne- 9; khomposithinamba
eighth	ordinal form of the number eight, meaning it indicates position in a sequence example: the eighth day of the month (adjective) or one of 8 equal parts into which a whole is divided, example: $\frac{1}{8}$ (noun)	okwesishiyagalombili	odinalifomu yenamba, isishiyagalombili, ebonisa indawo yayo kusikhwensi, isibonelo: usuku lwesishiyagalombili enyangeni noma ingxenye eyodwa kwezinhlanu ezilinganayo, 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 contant ratio or scale factor	ukukhulisa	khulisa usayizi wento ethile noma khulisa usayizi wesheyphu noma wefiga ube ugcina iphrophoshini ngokuphindaphinda ngereyshyo engashintshi noma iskeyli fektha
equal	being same in quantity, dimension, degree, or value	okulinganayo	okufanayo ngobuningi, ngedayimenshini, ngezinga, noma ngevelyu
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 okulinganayo	umqondo osetshenziselwa ukuhlukanisa inani eliphelele libe inamba ethile yezingxenye ezilinganayo noma amaqembu, lapho ingxenye ngayinye noma

			iqembu liqukethe inani elifanayo lezinto
equal sign	shows equal quantities or numbers, the symbol '=' is used	uphawu lokulinganisa	lubonisa amanani alinganayo noma izinamba, kusetshenziswa uphawu '='
equivalent	two or more things that are equal in value, function, or meaning, even if they look different	okulingana nokunye/ i-ikhwivalenti	izinto ezimbili noma ngaphezulu ezinevelyu ezilinganayo , ifrekshini, noma incazelo, ngisho noma zibukeka zihlukile
equivalent form	different ways of representing the same thing such that they have the same value or meaning	uhlobokulingan a	izindlela ezahlukene zokutshengisa into efanayo kangangokuthi zinevelyu efanayo noma incazelo
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: $\frac{3}{7} \times \frac{5}{5} = \frac{15}{35}$	amaqhezu alinganayo/ amafrekshini alinganayo	imele ivelyu efanayo, nakuba zinamanyumaretha namadinominetha angafani; ingatholwa ngokuphindaphinda noma ngokuhlukanisa kokubili inyumaretha nedinominetha yefrekshini ngenamba efanayo engasiye uziro.. isibonelo: $\frac{3}{7} \times \frac{5}{5} = \frac{15}{35}$
estimate	approximate calculation or judgement of the value, number quantity or extent of something	ukuhlawumbisel a	ukubala okuhlawumbiselwe noma ukwahlulela kwevelyu, ubungako benani noma ubukhulu bento ethile
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	ukuhlawumbisel a	inqubo yokwenza ikhalkhuleyshini esheshayo, yokulinganisa ecishe isondele ngokwanele kumphumelo wangempela; evame ukusetshenziswa uma amamejamenti noma amathuluzi engatholakali
even number	whole number that is exactly divisible by 2, example: 0; 2; 4; 6; 8; 10; …	umbilingqo	iholinamba ehlukaniseka kahle ngo-2, isibonelo: 0; 2; 4; 6; 8; 10;---
evening	time interval after sunset	kusihlwa	isikhawu sesikhathi ngemva kokushona kwelanga
exceed	one quantity is greater or more than another	ukudlula	inani elilodwa likhulu noma liningi kunelinye
expanded notation	representing a number as a sum of its place value parts	ukwandisa ngokucozulula	ukutshengisa inamba njengesamu yamapleysivelyuphathi ayo
extend	enlarge; expanded to include additional elements or values	ukuqhubeza	khulisa; yandisa ukuze ufake ama-elementi angeziwe noma amavelyu
F		**F**	

face	any flat surface of an object	ifeysi	noma iyiphi indawo eyisicaba ye-objekhthi
fact	piece of information that is known to be true	iqiniso	ulwazi olwaziwayo ukuthi luyiqiniso
factor	number that is multiplied by another number to get a product. example: 2 and 4 are factors of 8 because 2 × 4 = 8	isakhisiphindaphindo/ isiphindi	inamba ephindaphindwa ngenye inamba ukuze uthole iphrodakhthi isibonelo: oku- 2 noku-4 amafektha esi-8 ngoba 2 × 4 = 8
false	statement that is incorrect or untrue	okuyiphutha	isitatimende esingalungile noma esingelona iqiniso
few)	small quantity of something; not many things	okumbalwa	inani elincane lento; hhayi izinto eziningi
fifth	ordinal form of the number five indicating position in a sequence example: the fifth day of the month (adjective) or one of 5 equal parts into which a whole is divided, example: $\frac{1}{5}$ (noun)	1.okwesihlanu 2.okokuhlanu	i-odinalifomu yenamba, isihlanu, ebonisa indawo yayo kusikhwensi, isibonelo: usuku lwesihlanu onyakeni noma ingxenye eyodwa kwezinhlanu ezilinganayo, isibonelo: $\frac{1}{5}$ (*ibizo*)
figure	diagram or sketch of an object or shape	ifiga	idayagramu noma umdwebo we-objekthi noma isheyphu
financial contexts	management, creation, and study of money, banking, credit, investments, assets, and liabilities	izimo zezimali	ukuphathwa, ukudalwa, kanye nokufunda ngemali, ukubhenka, izikweletu, ukutshalwa kwezimali, impahla, nezikweletu
first	ordinal form of the number one, meaning it indicates a position in a sequence example: the 1st day of the week	okokuqala	i-odinalifomu yenamba oku-1, okuchaza ukuthi kukhombisa indawo kwisikhwensi, isibonelo: usuku lokuqala esontweni week
five	cardinal number between 4 and preceding 6; a prime number	kuhlanu	ikhadinalinamba phakathi ko-4 nangaphambili kwe-6; iphraymu namba
flow diagram	diagram showing how an input value is transformed into an output value based on a specific rule or an inverse thereof	umdwebo olawula ukubala	idayagramu ebonisa ukuthi i-inphuthi iguqulwa kanjani ibe i-awthphuthi elisuselwe kumthetho othize noma i-invesi
fraction	part of a whole	iqhezu/ifrekshini	ingxenye yokuphelele
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	umucu weqhezu	ithuluzi elisetshenzisiwe ukuqonda amafrekhshini ngokuwakhombisa njengezingxenye ezilinganayo zokuphelele (holi) usebenzisa iphepha noma ezinye izinto; futhi angasetshenziselwa

			ukuqhathanisa, ukuhlanganisa, ukususa, nokuthola ama-ikhwivalenti frekhshini
G		**G**	
general rule	relationship or rule that defines how the elements in the pattern are organised	umthethojikelele	ubudlelwane noma iruli echaza ukuthi ama-elementi ahlelwe kanjani kwiphethini
geometric pattern	pattern represented in lines, shapes and objects that are arranged in a specific manner	uhlelo lwezibalomdwebo	iphethini ekhonjiswe kolayinii, amasheyphu kanye nama-objeckthi ahlelwe ngendlela ethile
geometric shapes	closed figures created using points, lines, and curves or a combination of both, example: circles, rectangles, cones, etc.	umumo wezibalomdwebo	ifiga evalekile ekhandwe kusetshenziswa amaphoyinti, olayini, namakhevu noma inhlanganisela yokubili, isibonelo: isekela, irekhthengele, ikhoyni etc.
gram	unit to measure mass equal to one thousandth of a kilogram	igremu	iyunithi yokukala isisindo esilingana nengxenye eyinkulungwane yekhilogremu
grid	pattern of evenly spaced intersecting lines or dots often used for plotting points, drawings figures, displaying equations etc.	igridi	iphethini yolayini abanezikhala eziilinganayo abaphambanayo noma amachashazi avame ukusetshenziselwa ukuhlela amaphuzu, imidwebo, amafiga, ukubonisa ama-ikhwejini
group	set or collection of numbers, shapes or objects	iqoqo	isethi noma izinamba eziqoqelwe ndawonye, amasheyphu noma ama-objekhthi
grouping	combining numbers or objects into sets based on certain criteria	ukwenza amaqoqo	ukuhlanganisa izinamba noma ama- objekhthi abengamasethi ngokusekelwe ngendlela ethile
growing pattern	pattern that increases by a specific rule or amount	iphethini ekhulayo	iphethini ekhula ngeruli (umthetho) othile noma i-amawnti
H		**H**	
half	dividing into two equal parts	uhhafu	ukuhlukanisa kube izingxenye ezimbili ezilinganayo
half past	30 minutes after the beginning of an hour	ukugamanxa kwehora	imizuzu angama-30 ngemva kwehora
halfway	midpoint or average of two point or given values generic term	phakathi nendawo	iphoyinti eliphakathi nendawo noma i-avareji yamaphoyinti amabili noma amavelyu anikeziwe

halving	dividing a number or quantity by 2 or multiplying by half $(\frac{1}{2})$	ukuhlukanisa kabili ngokulinganayo	ukuhlukanisa inamba noma inani ngoku-2 noma ukuphindaphinda ngohhafu $(\frac{1}{2})$
height	measure of vertical distance from a reference point, typically the ground or a base level, to the top or highest point of an object	ukuphakama	ukukalwa kwebanga elivethikhali ukusuka ephoyintini eliyireferensi, ngokuvamile indawo ephansi noma indawo eyisisekelo (bheysi) , ukuya phezulu noma endaweni ephakeme kakhulu ye-objekhthi
hexagon	closed figure with six straight sides	umacalsithupha / iheksagoni	umumo ovalekile onamasayidi aqondile ayisithupha
horizontal	something lying flat from side to side, like a line or a surface that goes left and right, not up and down	okuvundlile	into elele phansi esuka kwelinye isayidi iya kweilinye, njengolayini noma indawo esuka kwesokunxele iya kwesokudla, hhayi phezulu naphansi
hour	unit of measuring time equal to 60 minutes	ihora	iyunithi yokukala isikhathi esilingana nemizuzu engama-60
hour hand	short hand of a clock which shows how many hours have passed in a day 	uthi lwehora	uthi olufushane lwewashi lukhombisa ukuthi mangaki amahora asedlulile osukwini
hundred	numerical value representing 10 groups of 10	ikhulu	isistimu yebheysi-10 etshengisa amaqoqo ayi-10 e-10
Hundreds	base-10 system representing 10 groups of 10	amakhulu	Isistimu yebheysi-10 ekhombisa amaqoqo ayi-10 ama-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)	1.okwekhulu 2.okukodwa kokuyikhulu	odinalifomu yenamba, ikhulu, ebonisa indawo yayo kusikhwensi, isibonelo: usuku lwekhuku onyakeni noma ingxenye eyodwa kweziyikhulu ezilinganayo, isibonelo: $\frac{1}{100}$
I		**I**	
identify	establish or indicate what something is	ukuhlonza	akha noma khombisa ukuthi into iyini
including	having something or someone as a part of a group,	ukufaka	ukuba nokuthile noma umuntu othile

	list, or amount; adding or counting something in, not leave it out.		njengengxenye yeqoqo, uhla, noma i-amawnti; ukuhlanganisa noma ukubala okuthile phakathi, ungakushiyi ngaphandle
incorrect	something that has mistakes in it or false	okungalungile/o kungeyikho	into enamaphutha kuyo noma amanga
increase	make something bigger in size or value	ukukhulisa	ukwenza into ibenkulu ngokosayizi noma ngokwevelyu
increasing pattern	pattern that grows by a specific rule or amount	iphethini ekhulayo	iphethini ekhula ngeruli/ umthetho othile noma i-amawnti
indicate	show, point out, or make clear something, often using symbols or notations	ukukhombisa	ukutshengisa, ukukhomba, noma ukucacisa okuthile, ngokuvamile kusetshenziswa amasimboli noma amanotheshini
input	value that is entered into a number sentence which is then used to generate an output	okungenile	ivelyu noma inamba efakwe kwinambasentensi bese isetshenziselwa ukukhiqiza i-awthiphuthi
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 ■ = 4 by inspection	ukubala ngokubuka	ukubheka inkinga futhi usheshe ubone isisombululo ngaphandle kokudinga ukwenza amakhalkhuleyshini abanzi noma ulandele inqubo yesinyathelo ngesinyathelo, isibonelo: ■ + 6 = 10, ungabona kalula ukuthi ■ = 4 ngokubuka ngamehlo
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	ukuphambana kwezimpawu	amapheya ezimpawu zemethamethiksi ahlehlisanayo, isibonelo: ukuhlanganisa nokususa kungama invesi ophareshini, futhi ukuphindaphinda and ukuhlukana kungama invesi ophareshini, isibonelo 8 + 9 = 17 no 17 – 9 = 8; 6 × 4 = 24 no 24 ÷ 4
investigate	conduct a systematic and thorough examination of a concepts or problems, using various techniques or tools to build a deeper understanding	ukuphenya	yenza ukuhlola okuhlelekile nokuphelele kwemiqondo noma izinkinga, usebenzisa amasu ahlukahlukene noma amathuluzi ukwakha ukuqonda okujulile
investigation	systematic and thorough examination of concepts, relationships, or problems to gather information, identify	uphenyo	yenza ukuhlola okuhlelekile nokuphelele kwemiqondo, ubudlelwane noma izimo ukuze kuqoqwe ulwazi,

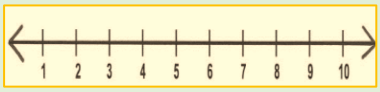
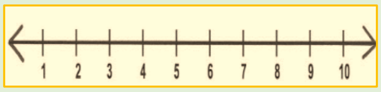
	patterns, and draw conclusions		khomba amaphethini bese unikeza isiphetho
irregular polygon	type of polygon that does not have all sides and angles equal	unhlangothiningi onokungalingani/ ipholigoni enokungalingani	uhlobo lwepholigoni olunganawo amasayidi nama-engeli alinganayo
isometric grid	a grid of equilateral triangles	igridi eyi-aysomethrikhi	igridi yama-ikhwilaterali thrayengeli
item	general word that is used to refer to a single element or member within a set, list or collection	okuthile/ i-aythemu	igama elivamile elisetshenjiswa uma kubhekiswe kwi-elementi eyodwa noma ilunga ngaphakathi kwisethi noma eqoqweni
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	isichazi	uhlu, ilejendi noma uphawu elichaza incazelo yamasimboli , imibala ,noma, ezinye izinto ezibonakalayo ezisetshenziswa kwigrafu, ichart, noma idayagramu
key sequence	specific order of numbers, symbols, or operations that unlocks or solves a mathematical problem, puzzle, or code	uchungekulandelana olumqoka	uhlelo oluthile lwezinamba, izimpawu, noma ama-ophareshini avula noma asombulula izimo zemethamethikhsi, iphazili, noma ikhodi
kilograms	Standard International (SI) unit of mass; equal to 1 000 g	ikhilogremu	Standard International (SI) yunithi yesisindo; ilingana ne-1 000 g
kilolitre	unit to measure volume or capacity; equal to 1 000 ℓ	ikhilolitha	iyunithi yokukala ivolume noma ikhaphasithi; kulingana ne-1 000
kilometre	unit to measure length; equal to 1 000 m	ikhilomitha	iyunithi yokukala ubude; kulingana ne-1 000 m
kitchen scales	measuring tool for mass used to measure weight of ingredients in the kitchen	isikali sasekhishini	ithuluzi lokukala isisindo elisetshenziselwa ukukala isisindo sezithako ekhishini
L		**L**	
length	measurement along a line or curve or the longest side of the object or shape	ubude	ukulinganisa ngomugqa noma ijika noma isayidi elide le-objekhthi noma isheyphu
less than	means fewer than or smaller than	okungaphansi koku- /okuncane kuno-	kusho okumbalwa noma kuncane
limited	indicates that a mathematical concept, object or operation is	okunomkhawulo	kukhombisa ukuthi imiqondo yemethamethiksi, ama-objekhthi noma ukusebenza kophawu kuvinjelwe,

	restricted, constrained or bounded		kucindezelwe noma kunqunyelwe
line	set of points that extend infinitely in two directions, with all points on the line lying in a single plane	umugqa/ ulayini	isethi yamaphoyinti andiswe ngokungenamkhawulo ezindleleni ezimbili, nawo wonke amaphuzu asemgqeni alele ohlelweni olulodwa
line segment	part of a line that has two endpoints; or a straight path that connects two points and has a fixed length	ingxenyemugqa	ingxenye yomugqa enama-endiphoyinti amabili noma indlela eqondile ehlanganisa amaphoyinti amabili futhi enobude obungaguquki
litre	Standard International (SI) unit for capacity or volume; a litre (ℓ) equal to 1 000 mℓ	ilitha	Standard International (SI) yunithi yekhaphacithi noma ivolumu; ilitha (ℓ) elilingana 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 okuyindlelande	*isu lokuhlukanisa izinamba zibe amaqembu amancane noma izingxenye, kuyasiza ukuhlukanisa isimo sibe izinyathelo ezilula*
M		**M**	
mass	a measure of how heavy or light an object is	isisindo	isilinganiso sokuthi i-objekhthi isinda noma ilula kangakanani
match	identifying or connecting similar objects or elements based on shared characterics, such as size, shape or number	ukuqhathanisa	ukukhomba noma ukuxhumanisa ama-objekhthi afanayo noma ama-elementi ancike kumakharakhtharistiksi afanayo, njengosayizi, isheyphu noma inamba
mathematical operation	process performed on numbers , such as addition, subtraction, multiplication and division, example: $4 \div 2 + 6 \times 2 + 3(5 - 2)$	indlelakwenza ngokwemetham ethikhsi	Inqubo eyenziwa ezinambeni enjengokuhlanganisa, ukususa; ukuphindaphinda nokuhlukanisa, isibonelo: : $4 \div 2 + 6 \times 2 + 3(5 - 2)$
measure	find the size of one or more features, such as length, breadth, height, capacity, mass, etc.	ukukala/ ukulinganisa	thola usayizi wesici esisodwa noma ngaphezulu, njengobude, ububanzi, ukuphakama, ikhaphasithi, isisindo, njll..
measurement	process of determining the size of one or more features of something, typically involving comparing it to a known standard or unit	ukukala/ isilinganiso	inqubo yokuthola usayizi wesici esisodwa noma eziningi zento ethile, ngokuvamile okuhlanganisa ukuyiqhathanisa nezinga noma iyunithi eyaziwayo
measurement contexts	application of measurement concepts and skills to real-	izimo zokukala/	ukusetshenziswa kwemiqondo namakhono

	world situations, including length, area, volume, mass, time, and temperature, often involving estimation, comparison, and calculation	izimo zokulinganisa	emejamenti ezimeni zomhlaba wangempela, okuhlanganisa ubude, i-eriya, ivolumu, isisindo, isikhathi, nezinga lokushisa, ngokuvamile kuhlanganisa ukulinganisa, ukuqhathanisa, nokukhalkhuleytha
measuring instrument	device used to measure a physical quantity, such as length, mass, time, temperature, or pressure	ithuluzi lokukala/ ithuluzi lokulinganisa	insizakusebenza esetshenziselwa ukukala ifisikhalikhwantithi, njengobude, isisndo, isikhathi, ithemparesha, noma iphreja
mental calculation	involves performing arithmetic operations (like addition, subtraction, multiplication, and division) solely using your mind, without relying on external tools like calculators or paper or pencil	ukubala ngekhanda	kubandakanya ukusebenzisa izimpawu zezibalo (njengokuhlanganisa, ukususa, ukuphindaphinda, nokuhlukanisa) usebenzisa ingqondo yakho kuphela, ngaphandle kokuthembela kumathuluzi angaphandle njengekhalkhuleytha noma iphepha noma ipensela.
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	izibalo zekhanda	igama elibanzi elibandakanya ireynji yamakhono nezinhlelo zokusebenza zemethamethikhsi ezibandakanya ukukhumbula ngokushesha amafekhthi ezinamba kanye nokuthuthukiswa kwamasu okubala angasetshenziswa ngokushesha
method	step-by-step way of doing something such as solving a problem, constructing an object or calculating an answer	indlelakwenza	indlela yokwenza into ulandela isinyathelo ngesinyathelo e njengokuxazulula izimo, ukwakha i-objekhthi noma ukukhalkhuleytha umphumela
metre	Standard International (SI) unit of length equal to 100 cm	imitha	Standard International (SI) yunithi yobude ilingana ne-100 cm
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)	induku eyimitha	imejaringinstrumenti enomaka abahlukaniswe ngokulinganayo ukuze kukalwe ubude, ububanzi, nokuphakama ngamayunithi amamitha (m) namayunithi amancane

			njengamasentimitha (cm) namamilimitha (mm))
midday	middle of the day, exactly 12:00 noon	emini bebade	phakathi nosuku, 12:00 emini
millilitre	unit of measurement in a metric system to measure smaller capacity or volume	imililitha	iyunithi yemejamenti kwimethrikhsistimu yokukala ikhaphasithi noma ivolumu encane
millimetre	unit of measurement in a metric system for short length or distance	imilimitha	iyunithi yemejamenti kwimethrikhsistimu yokukala ubude noma ibanga elifushane
minimum temperature	lowest value of temperature recorded or measured within a given time period or data-set	isilinganisokushisa esiphansi	ivelyu ephansi yethemparesha erekhodiwe noma lekalwa phakathi nesikhathi esinikeziwe noma isethi yedata
minuend	quantity or a number from which a number is to be subtracted, example:10 – 3 = 7, the minuend is 10	insuselwakuyo/ minuwendi	ubuningi noma inamba okumele kususwe kuyo inamba, isibonelo:10 – 3 = 7, iminuwendi i-10
minus (–)	operation sign used to indicate subtraction	uphawu lokususa	i-ophareshinsayni isetshenziselwa ukukhombisa ukususa
minute	unit of time which is 60 seconds	umzuzu/ iminithi	iyunithi yesikhathi eyimizuzwana engama-60
minute hand	long hand on a clock face which shows how many minutes have passed in each hour	uthi lomizuzu/ uthi lweminithi	uthi olude kwifeysi yewashi. Ikhombisa ukuthi mingaki imizuzu edlulile ehoreni ngalinye
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	umzuzu ngaphambi	inamba ethile yemizuzu edlulile ngaphambi kwesikhathi esithile, isibonelo:imizuzu emi-5 ngaphambi kwehora lesi-8 kusho ukuthi 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	umzuzu emva	inamba ethile yemizuzu edlulile ngemva kwesikhathi esithile, isibonelo:imizuzu emi-5 lidlulile ihora lesi-8 kusho ukuthi ngu-08:05
month	period of time which is approximately 28 – 31 days	inyanga	isikhathi esicishe sibe yizinsuku ezingama 28 – 31
more than	greater quantity or value in size or amount, represented by a symbol >	ngaphezu kwe	inani ngobukhulu noma ivelyu ngosayizi noma i-

			amawnti etshengisa uphawu >
morning	part of the day from midnight until midday	ekuseni	ingxenye yosuku kusukela phakathi kwamabili kuze kube semini
multiplicand	number being multiplied, example, in $3 \times 6 = 18$, 3 is the multiplicand	isiphindaphindwa	inamba ephindaphindwayo, isibonelo, $3 \times 6 = 18$, oku-3 kuyimalthiplikhendi
multiplication	mathematical operation that represent the reapeted addition of a number example, $4 \times 3 = 12$, which means $4 + 4 + 4 = 12$	ukuphindaphinda	uphawu Iwemethamethikhsi olutshengisa ukuhlanganisa okuphindiwe kwenamba, isibonelo , $4 \times 3=12$, okuchaza ukuthi $4+4+4=12$
multiplication fact	mathematics problem that shows the result of multiplying two numbers together, example: $2 \times 3 = 6$	umphumelakuphindaphinda	isimo semethamethikhsi esikhombisa umphumela wokuphindaphinda izinamba ezimbili ndawonye, isibonelo: $2 \times 3 = 6$
multiplication table	structured way to present the products of multiplying numbers	ithebula lokuphindaphinda	indlela ehlelekile yokukhombisa iphrodakhthi yezinamba eziphindaphindayo
multiplicative inverse	number(reciprocal) that when multiplied by the original number, results in a product of 1, example: $2 \times \frac{1}{2} = 1$	isiguqulwa esiphindaphindayo	inamba (evumelanayo) okuthi uma iphindwe ngenamba yoqobo, ikhipha iprodakhthi okungo-1, isibonelo: $2 \times \frac{1}{2} = 1$
multiple	*product that we get when one number is multiplied by another number* example, if we say $4 \times 5 = 20$, here 20 is a multiple of 4 and 5	isiphindaphindi/ imalthiphuli	iphrodakthi esiyitholayo uma inamba eyodwa iphindaphindwa ngenye isibonelo, uma sithi *4 × 5 = 20*, lapha ama-20 imalthiphuli yo-4 noku-5
multiplier	number that multiplies another number, example: in $3 \times 6 = 18$, 6 is the multiplier	isiphindaphindi	inamba ephindaphinda enye inamba, isibonelo: ku $3 \times 6 = 18$, isi-6 imalthiplaya
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	ukuphindaphinda	yenza ikhalkhuleyshini yemethamethikhsi ukuthola amaprodakhthi amabili noma ngaphezulu okubuye kuthiwe ukuhlanganisa okuphindaphindiwe noma ukwanda noma ukukhula kwento ethile ngokushesha; khiqiza noma zalanisa; hlanganisa noma phinda
N		**N**	
natural numbers	set of numbers that are greater than zero; also known as counting numbers example: 1, 6, 89, 345, …	inamba yemvelo/ inombolo yemvelo	isethi yezinamba ezinkulu kunoziro; ezaziwa nangokuthi izinamba zokubala isibonelo: 1, 6, 89, 345, ...

non-polygons	geometric figures that don't have straight sides or are not closed	okungemamac alamaningi/ okuyongepholig oni	amajiyometrikhifiga awanazo izinhlangothi eziqondile noma ezingavaliwe
not limited to	mathematical concept, object or operation is general, extensive or open-ended	okungagcini la	umqondo wemethamethikhsi, i-objekhthi noma uphawu olujwayelekile, olubanzi noma oluvulekile
note	written or recorded; worth paying attention to; important or significant	ukuqaphela	okubhaliwe, irekhodi; okufanele ukanakwa; okubalulekile
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.	inamba/inombo lo	i-objeckthi yemethamethikhsi esetshenziselwa ukutshengisa inani lama-objekhthi noma izinto; ukusho usayizi, ubude noma inani lento ethile; khomba noma hlukanisa ama-objekhthi, izehlakalo noma izikhundla
number line	straight line with numbers marked on it at equal intervals. 	umuqgazinamb a/ umugqazinomb olo/ ulayinizinamba/ ulayinizinombolo	ulayini oqondile onezinamba ezimakwe kuwo ngama-inthevali alinganayo 
number name	word representation of a numerical value, example: one for 1, two for 2, and twenty-five for 25	igamanamba/ igamanombolo	ukutshengiswa kwegama kwenyumerikhalivelyu, isibonelo: okukodwa kuka-1, okubili kuka-2, namashumi amabili nanhlanu ka-25
number range	group of numbers that starts from one number and ends at another number.	iqoqozinamba/i qoqozinombolo	iqoqo lezinamba eliqala enambeni eyodwa ligcine kwenye inamba
number sentence	statement that expresses a mathematical relationship between numbers, using quantities or values, operations or symbols	umushozinamba /umushozinomb olo	isitatimende esiveza ubudlelwano bemethamethikhsi phakathi kwezinamba, kusetshenziswa amanani noma amavelyu noma izimpawu noma amasimboli
number symbol	numbers represented by symbol called numeral, such as 5 for the number five	isimboli yenamba/ isimboli yezinombolo	izinamba ezitshengiswe ngamasimboli abizwa ngenyumerali , njengokuthi 5 wenamba isihlanu
number value	worth of each digit in that number which depends on its place value	inani lenamba/inani lenombolo/	ukubaluleka kwedijithi ngayinye kuleyo namba okuncike kwipleysivelyu yayo

		ivelyu yenamba/ ivelyu yenombolo	
numerator	indicates how many equal parts are there $\frac{3}{4}$ ← numerator	isihlukaniswa/ inyumaretha	ikhombisa ukuthi zingaki izingxenye ezilinganayo ezikhona $\frac{3}{4}$ ← inyumareytha
numeric pattern	sequence of numbers that follows a certain rule or order	iphethini yezinamba/ iphethini yezinombolo	ukulandelana kwezinamba ezilandela umthetho noma uhlelo oluthile
O		**O**	
odd number	whole number that cannot be divided evenly by 2	inamba ewugweje/ inombolo ewugweje	iholinamba engahlukaniseki ka-2 ngokulinganayo
one	first cardinal number; multiplicative identity	kunye	ikhadinali namba, i-aydentithi yokuphindaphinda (malthiphlikheythivu aydentithi)
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	imivo	pleysivelyu yedijithi engakwesokudla kuholinamba ekhombisa inani ledigithi, isibonelo, kunamba 37, u-7 usendaweni yemivo, umele imivo eyi-7
operation sign	mathematical symbols that denote basic operations, example: (+) for addition: (−) for subtraction, × for multiplication, ÷ for division	uphawu lokubala	izimpawu zemethamethiksi ezikhombisa amasimboli okukhalkhuleytha, isibonelo: (+) olokuhlanganisa; (-) olokususa, (×) olokuphindaphinda, (÷) olokuhlukanisa
ordering data	arranging data in a specific sequence, example: ascending order, descending order, most occuring, ...	ukuhlela iminingo	ukuhlela idatha ngendlela ethile, isibonelo: asendingi oda, disendingi oda, okwenzeka kaningi, ...
ordinal number	indicates position or rank of something	inambandawo/ inombolondawo	kukhombisa isikhundla noma izinga lento ethile
output	result or value that is produced when a specific input is processed	umphumela	umphumela noma inani elikhiqizwa uma kuguqulwa i-inphuthi efakiwe
own creation	ability to design and develop patterns, objects or shapes based on own ideas and rules	ukuzenzela	ikhono lokudizayna nokwenza amaphethini, ama-objekhthi

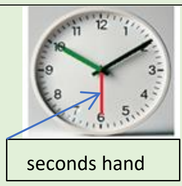
			namasheyphu oziqambele wena ngendlela yakho
P		**P**	
p.m.	'post meridiem', a Latin word for 'after midday' in a 12-hour clock format which shows times after 12 noon but before 12 midnight	p.m.	'post meridiem', igama lesiLathini elisho 'intambama' ngesikhathi seklokhi eyifomethi ye 12-awa elikhombisa izikhathi eziphakathi kuka 12 emini no 12 ebusuku
palm of hand	old measuring unit which is equal to a width of a hand and it does not include the thumb	intende yesandla	iyunithi yokukala/ukulinganisa yasendulo elingana nobubanzi bentende yesandla engasifaki isithupha
pattern	arrangement of numbers, lines or shapes that follows a specific rule or sequence	uhlelo/ iphethini	ukuhlelwa kwezinamba, olayini noma amasheyphu elandela umthetho noma indlela ethize
pentagon	closed figure with five straight sides		
percent	means per 100 or out of 100.	okwekhulu/iphe senti	kusho nga-100 noma kokuyi-100
percentage	way of expressing a fraction as hundredths represented by symbol (%)	ukubeka ngokwekhulu/ iphesenteji	indlela yokukhombisa ifrekshini njengamahandrethi emelwe isimboli (%)
perimeter	primarily applies to 2D shapes, measuring the distance around the shape.	umngcelemjikel ezo/ ipherimitha	kusebenza ikakhulu kuma-2D sheyphu, ukukala ibanga elizungeze isheyphu
physical form	tangible representation of a mathematical concepts or objects such as geometric objects, counting blocks, etc.	okuphathekayo	indlela ephathekayo yokukhombisa imiqondo yemethamethiksi noma ama-objekthi ngengama jiyomethrikhi objekthi, amablokhi okubala, njll.
place holder	symbol or character (□) used to represent an unknown value	Ibambandawo	isimboli noma ngabe yini (□) esetshenziswa ukukhombisa inani (velyu) elingaziwa
place value	value of every digit in a number depending on its position	ubundawo bedijithi	inani ledijithi enambeni oluhambisana nendawo ekuyo
plus (+)	operation sign used to indicate addition	uphawu lokuhlanganisa	uphawu lokukhalkhuleytha ulusetshenziselwa ukuhlanganisa
polygon	two-dimensional closed figure with straight sides	umacalamanin gi /ipholigoni	Umum oyi 2-dimenshinali ovalekille onezinhlangothi eziqondile
price	amount of money required in exchange for goods and services or	inani lentengo	imali edingekayo uma kuhwebelwana ngezimpahla namasevisi noma

	symbolize the cost or sacrifice required to achieve or acquire something, beyond just monetary value		izindleko noma umnikelo odingekayo ukuze uthole noma uzuze into, okungabandakanyi nemali
problem situation	in mathematics, a "problem situation" or a "word problem" presents a real-life scenario requiring mathematical understanding and calculation to solve	izimo ezahlukene	ku methamethiksi, izimo zenkinga noma izimo zendaba ziveza isimo sangempela sempilo esidinga ukuqonda imethamethiksi nokukhalkhuleytha ukuze zisombululwe
problem solving	involves applying logical thinking and established mathematical concepts to find solutions to variousik problems	ukusombulula izimo	kubandakanya ukusenzisa uqondo ngokuhlelekile nemiqondo yemethamethiksi emisiwe ukuze kutholakale isisombululo
product	result obtained when two or more quantities are multiplied together or the output or result of a process, effort, or activity	umphumela siphindaphindo/ iphrodakthi	umphumela otholakala lapho amanani amabili noma ngaphezulu aphindaphindana noma i-awthiphuthi noma umphumela wenqubo, umzamo noma umsebenzi
profit	financial gain derived from a business transaction or activity or any benefit or gain, not just financial	inzuzo	inzuzo etholakala ngokwebhizinizi noma ngomsebenzi othile noma noma yini eyinzuzo noma etholakalayo, hhayi imali kuphela
properties of whole numbers	an understanding of how whole numbers behave when we perform operations like addition and multiplication	amaphrophathi ezinambamump u	ukuqonda ukuthi amaholinamba asebenza kanjani uma kusetshenziswa izimpawu njengezokuhlanganisa nokuhlukanisa
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.	iphrophathi	Ikharakhtharistikhi noma umthetho ngokungaguquki omayelana namaqoqo ezinamba, izimpawu, amasheyphu noma ama-objekthi. Iphrophathi kharakhtharistikhi ehlala iyiqiniso noma ngokuvamile kusho indlu, ifulethi, umhlaba onomunikazi noma oqashisiwe.

protractor	geometric measuring instrument used to measure and construct angles in degrees	isikaliyengela/ iphrothrektha	ithuluzi lokukala lejiyomethri elisetshenziswa ukukala noma ukudweba ama-engeli ngamadigrizi
purchase	buy something	ukuthenga	thenga into
Q		**Q**	
quadrilateral	closed shape with four straight sides	umacalamane/ ikhwadrilatherali	isheyphu evalekile enezinhlangothi (amacala) eziqondile
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	inani	isibaluli esikalekayo noma inani, ngokuvamile elivezwa ngenamba kanye namayunithi emejamenti (okulinganisa), angaba yinoma yimaphi kulawa: ubude, isisindo, isikhathi, noma inani lezinto
quarter	one of four equal parts of a whole; symbol ($\frac{1}{4}$)	okukodwa kokune/ ikota/ ikwata	ingxenye eyodwa kwezine ezilinganayo; isimboli / uphawu ($\frac{1}{4}$)
quarter past	15 minutes after an hour	ikota emuva/ ukotaphasi	imizuzu eyi-15 ngemuva kwehora
quarter to	15 minutes before the next hour	ikota ngaphambi	imizuzu eyi-15 ngaphambi kwehora elilandelayo
quotient	number resulting from the division of one number by another	umphumelakuhlukanisa /ikhoshiyenti	inamba ephuma uma uhlukanisa inamba ngenye
R		**R**	
rand	unit of money in South Africa; symbol (R)	irandi	iyunithi yemali eNingizimu Afrika; isimboli (R)
rate	comparison of quantities of different kinds, which have different units; symbol (per or /)	inanikuqhathanisa/ umphumela kuqhathanisa okungafani/ ireythi	ukuqhathanisa amanani ezinhlobo ezahlukene, ezinamayunithi ahlukene; isimboli (nga noma /)
ratio	way of comparing two or more quantities of the same kinds; symbol (:)	izingasilinganiso/ umphumela kuqhathanisa okufanayo/ ireshyo	indlela yokuqhathanisa amanani amabili noma ngaphezulu afanayo; isimboli (:)
receive	get something that is sent, delivered or given	ukuthola/ ukwamukela	thola okuthile okuthunyelwayo, okulethwayo noma okunikezwayo
recognise	identify and understand mathematical symbols, concepts, patterns, or relationships	ukuqonda / ukubona	khomba/bona futhi uqonde izimpawu zemethamethiksi, imiqondo, amaphethini, noma ubudlelwano

record	collection of data or information (noun) or put something down in writing or other permanent form (verb)	ukubhala/ukuqopha/ukurekhoda	iqoqo ledatha noma ulwazi (umusho webizo) noma bhala into phansi noma uyilonde ukuze ingalahleki (isenzo)
rectangle	a quadrilateral with four right angles and two pairs of opposite sides equal	unxande/ irekthengili	i-khwadrilatherali enamaraythi-engeli amane namapheya amabili ezinhlangothi (amacala) ezibhekene ezilinganayo
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	ukunciphisa	yenza into ibencane ngobuningi noma ngosayizi (ubungako) noma yehlisa usayizi /ubungako besheyphu noma umumo kodwa ugcine iphrophoshini ngokuhlukanisa ngekhonstenti reshyo noma iskeyli fektha.
regular polygon	straight-sided closed shape with all sides and all angles equal	umacalalingana	isheyphu evalekile enezinhlangothi/amasayidi aqondile futhi alinganayo
relationship	connection or association between two or more things	ubudlelwano/ ukuhlobana	ukuxhumana noma ukuhlobana phakathi kwezinto ezimbili noma ngaphezulu
remainder	amount left over after performing a division operation where the dividend is not perfectly divisible by the divisor or what is left after something has been taken away or used up	insalela	inani elisele ngemva kokuhlukanisa lapho i-dividend ingahlukaniseki kahle ngedivayza noma okusalayo ngemuva kokuba okuthile kuthathiwe noma sekuphelile
repeated addition	method of performing multiplication where you add the same number to itself a certain number of times, example: 3×4 is the same as $4 + 4 + 4$	ukuhlanganisa okuphindekayo	indlela yokuphindaphinda lapho wengeza inombolo efanayo kuyona izikhathi ezithize, isibonelo: 3×4 uyafana no $4 + 4 + 4$.
repeating pattern	sequence of patterns that repeats over and over, the patterns can be represented in numbers, shapes, or objects, example: ∆ ; ■ ; ∆ ; ■; ∆ ; ■ ; ∆ ; ■; …	iphethini ephindekayo	isikhwensi yamaphethini aphindaphindayo, amaphethini angaba izinamba, amasheyphu noma ama-objekthi, isibonelo: ∆ ; ■ ; ∆ ; ■; ∆ ; ■ ; ∆ ; ■; …

represent	signifies using models, symbols, or notation to express or illustrate mathematical ideas, relationships, or concepts	ukukhombisa/ ukutshengisa/ ukubonisa	kusho ukusebenzisa amamodeli, amasimboli, noma amanotheyshini ukuveza noma ukufanekisa imibono yemethamethiksi, ubudlelwano, noma imiqondo
round off	approximation of a number to make it simpler while remaining close to its original value, based on a particular place value or degree of accuracy	ukusondezela	ukusondezelwa kwenamba eduze kwevelyu yayo ukuze kube lula ukuyisebenzisa, ngokusekelwe ipleysi velyu ethile noma izinga lokunemba
rounding off and compensating	involves working with simplified numbers to make calculations easier, and then adjusting the answer to make it more accurate, example: 256 + 98 = 256 – 2 + 98 + 2 = 254 + 100 = 354 23 × 48 23 × (48 + 2) = 23 × 50 = 1 150 Compensating: = 1 150 – (23 × 2) = 1 150 – 46 = 1 104	ukusondezela/ ukuhlelemba	kubandakanya ukusebenza nezinamba ezenziwe lula ukwenza izibalo zibe lula, bese ulungisa impendulo ukuze inembe, isibonelo.: 256 + 98 = 256 – 2 + 98 + 2 = 254 + 100 = 354 23 × 48 23 × (48 + 2) = 23 × 50 = 1 150 khompenseythingi: = 1 150 – (23 × 2) = 1 150 – 46 = 1 104
row	horizontal arrangement of numbers, words or shapes	uhla/ irowu	ukuhlelwa okuhorizontali kwezinamba, amagama noma amasheyphu
rule	a statement or principle that guides or governs behaviour, action, or decision-making	umthetho	isitatimende noma umgomo oqondisa noma olawula ukuziphatha, isenzo, noma ukuthathwa kwesinqumo
ruler	measuring tool used to measure length	irula	ithuluzi lokukala 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	ithuluzi lokukala isisindo noma indlela yokulinganisa noma ukukhombisa ukuthi into inkulu noma incane kangakanani, uma iqhathaniswa nenye into
scale calibration	process of adjusting the readings of a weighing scale to ensure its accuracy	ukulinganiswa kwesikali	indlela yokulungisa amanani esikali ukuze kuqinisekiswe ukunemba kwaso
scale factor	number that is used to enlarge or reduce a figure while maintaining its shape	isakhisiphindaphindo sesikali	inamba esetshenziselwa ukukhulisa noma ukunciphisa i-figa kodwa ugcine isimo sayo
second	the ordinal form of the number two which indicates position in a sequence	okwesibili	i-odinalifomu yenamba oku-2 ebonisa indawo yayo kusikhwensi, isibonelo: usuku lwesibili enyangeni

	example: the second day of the month		
seconds	smallest unit of time counted from 1 to 60 to make a minute	imizuzwana/ amasekhondi	iyunithi encane yesikhathi ibalwa ukusuka koku-1 kuye koku-60 ukwenza umzuzu
seconds hand	thinnest hand on a clock face which shows how many seconds have passed in each minute 	uthi lwemizuzwana/ uthi lwamasekhondi	uthi oluncane kakhulu ebusweni bewashi obubonisa ukuthi mingaki imizuzwana (amasekhondi) edlulile emzuzwini ngamunye
sequence	an ordered list of objects, numbers or elements	uchungekulandelana/ isikhwensi	uhlu oluhlelekile lwezinto (ama-objekthi), izinamba noma izakhi
seven	cardinal number between 6 and 8; a prime number	isikhombisa	ikhadinali namba ephakathi kwe-6 nesi-8; phraymunamba / i-prime 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: $\frac{1}{7}$	okwesikhombisa	i-odinalifomu, yenamba isikhombisa, ebonisa indawo yayo kusikhwensi, isibonelo: usuku lwesikhombisa enyangeni noma ingxenye eyodwa kweziyisikhombisa ezilinganayo; isibonelo: $\frac{1}{7}$
sharing	dividing a quantity among a certain number of people or groups	ukwabelana	ukuhlukanisa okuthile phakathi kwenani elithile labantu noma amaqembu
side	line segment that forms part of the outline or boundary of a shape	uhlangothi/icala	ingxenye yomugqa (layini segmenti) eyenza ingxenye yohlaka noma umngcele wesheyphu
six	cardinal number following 5 and preceding 7; composite numbers	isithupha	ikhadinali namba ephakathi kwe-5 nesi-7; khompositi namba
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: $\frac{1}{6}$	okwesithupha okokuyisithupha	i-odinalifomu yenamba isithupha, ebonisa indawo yayo kusikhwensi, isibonelo: usuku lwesithupha enyangeni noma ingxenye eyodwa kweziyisithupha ezilinganayo, isibonelo: $\frac{1}{6}$
skill	one's proficiency in solving problems, applying concepts accurately, and using mathematical reasoning and strategies, including	ikhono	Ikhono lomuntu lokuxazukula izinkinga, ukusebenzisa imiqondo ngokunembile, nokusebenzisa ukucabanga namasu emethamethiksi,

	numerical operations, problem-solving strategies, and logical reasoning or learned ability or talent that helps you do something well or efficiently		okuhlanganisa ukusebenza kwezinombolo, amasu okuxazulula izinkinga, nokucabanga okunengqondo noma ikhono olifundile noma ithalente elikusiza ukuthi wenze okuthile kahle noma ngempumelelo
solution	answer to a mathematics problem or an answer, a remedy, or a fix that addresses a challenge or an issue	isisombululo	impendulo enkingeni / esimweni semethamethiksi noma impendulo, ikhambi, noma isilungiso esisingatha inselele noma isimo
solve	find an answer or a solution	ukusombulula	thola impendulo noma isisombululo / isixazululo
solving problems	apply knowledge and skills to find solutions to various problems	ukusombulula izimo	sebenzisa ulwazi noma ikhono ukusombulula izimo ezinhlobonhlobo
sort	arranging or grouping items in a specific order or based on shared characteristics	ukuhlunga / ukuhlela	ukuhlela noma ukuqoqela ndawonye ngendlela ethile noma usebenzise izimpawu (kharektharistikhsi) ezithile
span	unit of measurement of distance between two points or length of the time between two events	isipeni	iyunithi yokukala ibanga phakathi kwamaphoyinti amabili noma ubude besikhathi phakathi kwezehlakalo ezimbili
square	special type of a rectangle with all sides equal	isikwele	uhlobo oluthile lwe-rekthengeli olunamacala alingana wonke
square grid	set of horizontal and vertical lines that form squares of equal sizes	igridi eyisikwele	isethi yemigqa evundlile neqondile eyakha izikwele ezinosayizi abalinganayo
stopwatch	instrument used to measure the elapse of time of an event or activity	iwashimajuqula	ithuluzi elisetshenziselwa ukukala isikhathi esesidlulile uma wenza into noma umsebenzi
study	focused investigation or exploration of a specific concept, theory, or problem	ukufunda/ ukubhekisisa/ ukubukisisa	uphenyo olugxilile noma ukuhlola umqondo othile, ithiyori, noma isimo
substitute	replace a variable or a placeholder with a specific value or something or someone that takes the place of another	ukufaka endaweni	faka inani elithile esikhundleni se-variyebhuli noma ipleysiholda noma okuthile noma othile othatha indawo yomunye lapho

	when the original is unavailable, unsuitable, or being replaced		okwangempela kungatholakali, kungafaneleki, noma kushintshwa
subtract	take a number or amount away from another.	ukususa	susa inamba noma inani kwenye
subtraction	the act of subtracting	ukususa	isenzo sokususa
sum	result or answer after adding two or more numbers or terms	isamba	umphumela noma impendulo etholakala ngemva kokuhlanganisa izinamba noma amathemu amabili noma ngaphezulu
symbol	figure, sign or a combination of figures that is used to represent an object, operation and relationship	uphawukukhombisa	umfanekiso, uphawu noma inhlanganisela yezimpawu ezisetshenziselwa ukumela into,izimpawu 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 futhi uveze idatha usebenzisa imigqa namakholomu, njengegridi, okuvame ukusetshenziselwa ukubonisa ubudlelwano phakathi kwamanani (ivelyu) noma ulwazi olufinyeziwe
tape measure	flexible, portable tool used to measure distance, lengths, widths and heights in mm, cm, m, ...	ibhandekulinganisa	ithuluzi eiigobekayo neliphathekayo elisetshenziselwa ukukala ibanga, ubude, ububanzi nokhakama ngama-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	uhlolomsebenzi	umsebenzi olungiselwa ukucija abafundi ekuhlola ukusebenzisa imiqondo namakhono emethamethiksi, okugqugquzela ukuqonda okujulile namakhono okuxazulula izimo noma umsebenzi odinga ukuqedwa, ngokuvamile phakathi nesikhathi esithile
technique	method or procedure used to solve problems, perform	isu	indlela noma inqubo esetshenziselwa ukusombulula izinkinga,

	1	2	3	4	5	6	7	8	9	10	11
1	1	2	3	4	5	6	7	8	9	10	11
2	2	4	6	8	10	12	14	16	18	20	22
3	3	6	9	12	15	18	21	24	27	30	33
4	4	8	12	16	20	24	28	32	36	40	44
5	5	10	15	20	25	30	35	40	45	50	55
6	6	12	18	24	30	36	42	48	54	60	66
7	7	14	21	28	35	42	49	56	63	70	77
8	8	16	24	32	40	48	56	64	72	80	88
9	9	18	27	36	45	54	63	72	81	90	99
10	10	20	30	40	50	60	70	80	90	100	110
11	11	22	33	44	55	66	77	88	99	110	121

	calculations, or prove theorems		ukwenza amakhalkhuleshini, noma ukufakazela amathiyoremu
temperature	degree of heat present in a substance or object measured in degrees Celsius (°C) in South Africa	izingakushisa	izinga lokushisa elikhona entweni noma ku-obhjekhthi elinganiswa ngamadigrizi Celsius (°C) eNingizimu Afrika
ten	represents a quantity or value of ten (10) and is the base of the decimal system (base 10), where each place value is a power of ten	ishumi	imele inani noma ivelyu yeshumi (10) futhi iyisisekelo sesistimu yedesimali (bheysi 10), lapho ipleysivelyu ngayinye lingaphawa eshumi
tens	group of ten units and forms the second-place value position from the right after the ones, example: in 23 there are 2 tens and 3 ones	amashumi	iqoqo lamayunithi ayishumi elenza ipleysivelyu yesibili engakwesokudla kwemivo, isibonelo: kuma-23 kunama shumi ama-2 nemivo emi-3
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: $\frac{1}{10}$	okweshumi okokuyishumi	odinalifomu yenamba, ishumi, ebonisa indawo yayo kusikhwensi, isibonelo: usuku lweshumi enyangeni noma ingxenye eyodwa kweziyishumi ezilinganayo, 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	i-elementi ngayinye noma inamba kusikhwensi, elandela iphethini noma umthetho othile noma igama noma i-exphreshini enencazelo ethile esimweni esithile
thermometer	instrument used to measure temperature	isikalikushisa/ ithimomitha	ithuluzi lokukala izinga lokushisa
thickness (n)	measure of distance from one surface of an object to the opposite surface.	ugqinsi	isikalo sebanga ukusuka onqenqemeni olungaphezulu kuya kolungaphansi ku-objekthi noma umumo
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: $\frac{1}{3}$ (noun)	okwesithathu okukodwa kokuthathu	i-odinalifomu yenamba okuthathu, ebonisa indawo yayo kusikhwensi, isibonelo: usuku lwesithathu enyangeni noma ingxenye eyodwa kwezintathu ezilinganayo; isibonelo: $\frac{1}{3}$
thousand	numerical value representing 10 groups of 100	inkulungwane	ivelyu yenamba emele amaqoqo ayi-10 e-100

thousands	base-10 system representing 10 groups of 100 or 100 groups of 10	izinkulungwane	isistimu yebheysi-10 emele amaqembu ayi-10 e-100
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: $\frac{1}{1\ 000}$ (noun)	okwenkulungwane okokuyinkulungwane	i-odinalifomu yenamba, inkulungwane, ebonisa indawo yayo kusikhwensi, isibonelo: uZodwa ube yingane ye-1 000 ukuzalwa ngo-2023 noma ingxenye eyodwa kweziyi-1 000 ezilinganayo; isibonelo: $\frac{1}{1\ 000}$
three	cardinal number between 2 and 4; a prime number	okuthathu	ikhadinalinamba ephakathi koku-2 noku-4; khomposithi namba
time	measure of the duration or period	isikhathi	isikalo sobude besikhathi noma inkathi
time intervals	period between two points in time	izikhawu zesikhathi	isikhathi phakathi kwamaphoyinti amabili esikhathi
today	current day	namuhla	usuku lwanamuhla
total amount	sum or whole amount resulting from adding two or more numbers or quantities together	isamba esiphelele	isamba noma inani eliphelele eliwumphumela wokuhlanganisa izinamba ezimbili noma ngaphezulu
total length	sum of all lengths or the overall extent of something from one end to the other	ubudekuhlanganiswa	isamba sabo bonke ubude noma ububanzi bento usuka kolunye uhlangothi uya kolunye
trial and improvement	problem-solving strategy that involves repeatedly testing possible solutions or guesses and refining them based on the results to arrive at the correct or an approximate answer, especially when an exact solution is difficult to find directly	umzamo nokwenza ngcono	isu lokusombulula izinkinga elibandakanya ukuhlola ngokuphindaphindiwe izixazululo ezingaba khona noma ukuqagela nokuzicwengisisa ngokusekelwe emiphumeleni ukuze kufinyelelwe impendulo enembayo noma elinganiselwe, ikakhulukazi uma isixazululo esiqondile kunzima ukusithola ngokuqondile.
triangle	closed shape with three straight sides	uthrayengeli / ithrayengeli	isheyphu evaliwe enezinhlangothi (amasayidi) ezintathu eziqondile
trundle wheel	Sometimes called a metre wheel, a device for measuring distances that are long for a tape measure, or not always	isondo lokukala	ngezinye izikhathi ibizwa ngokuthi i-metre wheel (mitha whili), ithuluzi lokukala amabanga amade, noma

	in a straight line; units include m, km		izindawo ezingaqondile; amayunithi afaka ama m, km
twice	two times or double	kabili	ukuphinda kabili
two	cardinal number between 1 and 3; prime number	okubili	ikhadinalinamba ephakathi koku-1 noku-3; phraymu namba / i-prime namba
U		**U**	
uncalibrated scale	weighing scale that has not been verified for accuracy	isikali esingahlelenjiwe	isikali sesisindo esingakaqinisekiswa ukunemba (esingakhalibhreythiwe)
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	okukodwa, okuhlukile, nokuchazwe kahle okusebenza njengezinga noma ireferensi yokukala, ubuningi, noma ukuhlukanisa, isibonelo: imitha, izinkulungwane; amakota; ...
unit of measurement	standard of measurement used to quantify or express a specific quantity or magnitude, example: meters for length, kilograms for mass, or seconds for time	iyunithi yokukala	isitandadi (izinga) lemejamenti elisetshenziselwa ukulinganisa noma ukuveza ubuningi obuthile noma ubukhulu, isibonelo: amamitha - ubude, amakhilogremu - isisindo, noma imizuzwana – isikhathi
V		**V**	
value	a worth of something which can be a specific number, a variable or a constant	inani/ ubungako	inani lento engaba inamba ethile, ivariyebhuli (okuguqukayo) noma ikhonstenti (okungaguquki)
verbally	expressed or communicated using words, either spoken or written	okwamagama	kuvezwa noma kubikwa ngamagama akhulunywayo noma abhaliwe
vertex	point at which two or more lines meet in an object or shape	ikhonanqenqema	iphoyinti lapho imigqa (olayini) emibili noma ngaphezulu ihlangana khona ku-objekthi noma kusheyphu
vertical	something standing straight up and down, like a line or a surface that goes from top to bottom.	okume mpo	into (evethikhali) emi iqonde phezulu naphansi, njengomugqa noma indawo engaphandle (isafesi) esuka phezulu iye phansi
volume	amount of space an object or substance takes up; measured in cubic units or litres	ivolumu	ubungako besikhala into noma i-objekthi eyithathayo; kukalwa ngamakhubhikhi yunithi -cubic noma 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	iwashi	ithuluzi elikala, eligcina futhi likhombisa isikhathi ngamayunithi amahora, imizuzu namasekhondi; yakhelwe ukuthi ligqokwe esihlakaleni noma lifakwe ephaketheni
week	unit or period of time equal to seven days	isonto/ iviki	iyunithi noma isikhathi esilingana nezinsuku eziyisikhombisa
whole number	collection of all the basic counting numbers and 0; in mathematics, counting numbers are called natural numbers	inambamumpu/ inombolompu /ihlonamba/ ihlonombolo	iqoqo lazo zonke izinamba zokubala eziyisisekelo kanye no-0; kwamethamethiksi, izinamba zokubala zibizwa ngokuthi amanathurali namba
width	horizontal measurement or distance measured from side to side; sometimes called breadth	ububanzi	imejamenti ehorizontali (isilinganiso esivundlile) noma ibanga elikalwa ukusuka kolunye uhlangothi kuya kolunye; ngezinye izikhathi kuthiwa ububanzi
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	isimo kusonjululwa /inkingakusonjululwa	umsebenzi wemethamethiksi owethulwe ngendlela yokulandisa noma yendaba, odinga umfundi ukuba akhiphe ulwazi olufanele, aluveze njengenambasentensi futhi asebenzise imiqondo yemethamethiksi kanye nezimpawu ukulusombulula
X		**X**	
Y		**Y**	
year	a <u>period</u> of twelve <u>months</u>	unyaka	isikhathi esingangezinyanga eziyishumi nambili
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	edithivu aydentithi (ukwengeza uziro kunoma iyiphi inamba kukhupha inombolo efanayo) kanye nepleysivelyu ohlelweni lwethu lwezinamba; yakha isisekelo semiqondo ehlukahlukene yemethamethiksi namakhalkhuleyshini