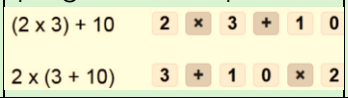
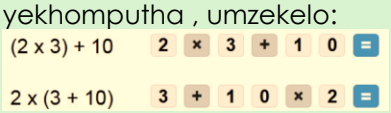
MTBBE – ISIGAMA SEMATHEMATIKA
ENGLISH - ISIXHOSA GREYIDI 4

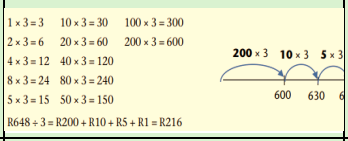
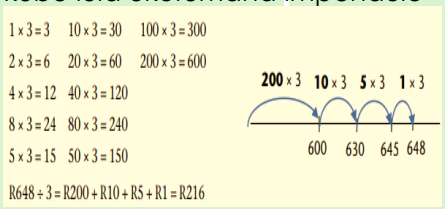
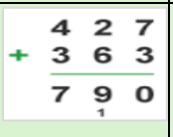
ISIGAMA SEMATHEMATIKA NEENKCAZO

ENGLISH	DEFINITIONS AND / OR EXPLANATION	ISIXHOSA	INKCAZO
12-hour clock	clock that divides the 24 hours of the day into two 12- hours periods: a.m. and p.m.	ikloko yeeyure ezi12	ikloko eyahlula iiyure zemini eziyi24 zibe lixesha eliziiyure eziyi12 kabini :a.m. no p.m.
24-hour	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	ikloko yeeyure ezi24	ikloko yokuchaza ixesha esebenzisa amanani u00:00 ukuya ku23:59; yaziwa njengexesha lomkhosi elisebenzisa iidijithi ezine, apho ezimbini zibonisa iyure ezokugqibela ezimbini zibonisa imizuzu
2-Dimensional shape	closed flat shape that has only two dimensions i.e. length and width (breadth), with no thickness or depth	2-Dayimenshinalisheyphu / imilo e2-Dayimenshinali	Isheyphu evalekileyo eflethi eneedaymenshini ezimbini kuphela oko kuthetha ubude nobubanzi, kungekho bungqindilili nabunzulu
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.	'anti meridiyem', ligama lesiLatini limele u'phambi kwemini emaqanda`; ibonisa amaxesha asemva ko12 ezinzulwini zobusuku kodwa phambi ko12 emini emaqanda
accurate measurement	measure of how close a value is to the actual true value	ukumeta okuchanekileyo	umlinganiselo wokujonga ukusondela kwevelyu kweyona velyu inyanisileyo
actual measurement	true value of a quantity being measured or the value that exists independently of any measurement errors or uncertainties	owona mlinganiselo	ivelyu enyanisileyo yomyinge ometwayo okanye ivelyu ezimeleyo kuzo naziphi iimpazamo zemilinganiselo okanye ukungaqiniseki
add	combine or join two or more numbers, amounts, or things to get a total	dibanisa	dibanisa okanye joyina amanani amabini nangaphezulu,izixa(iiamawunti) ukufumana itotali
addend	number that is added to another; if you add 10 to 15, then both10 and 15 are addends	iedendi	inani elidityaniswe kwelinye ;ukuba udibanisa u10 ku15,kungoko omabini u10 no15 beziiedendi
addition	act of adding	ukudibanisa	isenzo sokudibanisa
additive inverse	number which when added to the original number results to zero	edithivuinvesi	inani xa lidityaniswe kwinani ebelisoloko likho lisinika uziro

additive property	adding zero to any number does not change the value of the number	edithivupropathi	ukudibanisa uziro kulo naliphi inani akuyitshintshi ivelyu yenani
Afternoon	time of day that starts at mid-day and ends at sunset	mvakwemini	ixesha lemini liqala emini emaqanda liphele ukutshona kwelanga
altogether	combination of two or more quantities, values, or sets into a single, unified whole	zizonke	indibaniselwano yezixa ezibini nangaphezulu ,amaxabiso ,okanye amaqela ento enye, efanayo
amount	quantity of something often expressed as a numerical value	isixa; iamawunti	umyinge wento uboniswa njengenyumerikhali velyu
analogue clock	clock that has a face with numbers from 1 to 12; it has moving hands that tell time	ikloko yeanalogu	ikloko enefeyisi enamanani aqala ku1 ukuya ku12; inamasiba abonisa ukuhamba kwexesha
angle	measure of the amount of turning between two intersecting lines	iengile	ukumeta umyinge wokujika phakathi kwemigca emibini edibanayo
anticlockwise	direction of rotation that is opposite to the direction of the hands of the clock	antiklokhwayizi	indlela yeroteyshini ejongene nendlela yamasiba ekloko
approximate	number or measurement that is close to the actual, but not completely accurate or exact	malunga / aproksimeyithi	inani okanye umlinganiselo okufutshane nelona nani, kodwa elingachanekanga ncam okanye ngqo
area	how much surface a shape has; it is measured in square units such as square centimetres square metres and square kilometres	ieriya / ummandla	ubungakanani besafeyisi isheyphu enabo; bumetwa ngeezikwere zeeyunithi ezinjengezikwere zeesentimitha, zikwere zeemitha nezikwere zeekhilomitha
arrange	order or organize objects, numbers, or elements in a required order or pattern	cwangcisa / areyinja	hlela okanye cwangcisa izinto, amanani, okanye iielementi ngokomyalelo ofunekayo okanye ipatheni
ascending order	arrangement of numbers from smallest to largest; also known as increasing order	asendingioda	ukucwangcisa amanani ukuqala kwelona lincinci kuye kwelikhulu; kwaziwa ngokuba yioda eyandayo
associative property	when adding or multiplying numbers, the way in which numbers are grouped by brackets, does not affect their sum or	asosiyethivupropathi	xa udibanisa okanye uphindaphinda amanani , indlela amanani aqokelelwe ngezibiyeli, ayiyichaphazeli isam okanye iprodakhthi. umzekelo: (1 + 7) + 3 = 1 + (7 + 3) = 11

	product, example: (1 + 7) + 3 = 1 + (7 + 3) = 11		
at least	not less than; at the minimum	buncinane	kungabi ngaphantsi kuka; ubuncinane
B		**B**	
balance scale	device used to measure the mass of an object by comparing it to a known weight or mass	isikali sokulinganisa	isixhobo esisetyenziswa ukumeta ubunzima bento ngokuthelekisa neweythi eyaziwayo okanye ubunzima
base ten	place value system that uses decimal numbers; uses ten digits from 0 to 9 to represent any number.	bheyisiten	inkqubo yepleysi velyu esebenzisa amanani edesimali; isebenzisa iidijithi zamashumi kususela ku0 kuye ku9 ukubonisa naliphi inani.
Bathroom scale	device that measures the mass of an object or person, typically in units of mass such as kilograms	isikali segumbi lokuhlambela	isixhobo esimeta ubunzima bento okanye bomntu, kuqheleke kwiiyunithi zobunzima ezinjengeekilogrem
Breaking down and building up strategy	maths strategy that involves decomposing numbers or quantities into parts, manipulating those parts, and then reassembling them	istratheji sokwahlukanisa nokwakha / iqhinga lokwahlukanisa nokwakha	istratheji semethsi esiquka ukuqhekezwa(dikhompowzwa) kwamanani okanye izinto ngokweephathi ,ngokulawula ezo phathi,uphinde uzibuyisele
breaking down numbers	splitting numbers into parts	ukwahlukanisa amanani	ukwahlula amanani ngokweephathi
C		**C**	
calculate	determine or find a numerical value or answer by performing mathematical operations or using logical reasoning	khaltyhuleyitha	qinisekisa okanye fumana inyumerikhalil velyu okanye impendulo ngokwenza iiophareyshini zemathematika okanye usebenzise ukucinga okungqinelanayo
calculation plan	detailed step-by-step procedure, for performing a calculation or solving a mathematical problem example: rule in a flow diagram	isicwangciso sokukhaltyhuleyitha	inkqubo eneenkcukacha ngokwamanqanaba ukwenza ikhaltyhuleyshini okanye ukusombulula ingxaki yemathematika umzekelo: umgaqo kwiflowu dayagram
calculation rule	mathematical formula, method, or procedure used to perform a specific calculation or solve a particular problem	umgaqo wokukhaltyhuleyitha	ifomyula yemethsi, imethodi, okanye inkqubo esetyenziswa ukwenza iikhaltyhuleyshini ezingqalileyo okanye ukusombulula ingxaki ethile

calculation technique	systematic method or procedure used to perform mathematical calculations, solve problems, or simplify complex expressions	iteknikhi yokukhaltyhuleyitha	imethodi esemthethweni okanye inkqubo esetyenziswa ukwenza iikhaltyhuleyshini zemathematika , ukusombulula iingxaki, okanye ukwenza lula iiekspreshini ezintsonkothileyo
calculator	device that does mathematical calculations quickly	ikhaltyhuleytha	isixhobo/umatshini esenza iikhaltyhuleyshini zemathematika ngokukhawuleza
calculator keys	buttons on a calculator are called keys; a key is pressed to give instructions to a calculator	amaqhosha ekhaltyhuleytha	amaqhosha kwikhaltyhuleyitha kuthiwa zizitshixo; isitshixo siyacofwa ukunika imiyalelo kwikhaltyhuleyitha
calculator sequence	series of numbers or mathematical operations performed in a specific order, typically using a calculator or computer program, example: 	isikhwensi yekhaltyhuleytha	uthotho lwamanani okanye iiophareyshini zemathematika ezenziwe ngohlobo oluthile, usebenzisa ikhaltyhuleyitha eqhelekileyo okanye iprogam yekhomputha , umzekelo: 
calendar	chart showing time divided into years, months, weeks and days	ikhalenda	itshati ebonisa ixesha elahlulahlulwe ngokweminyaka , iinyanga, iiveki neentsuku
calibration weights	standard weight with a known mass, used to calibrate weighing instruments or scales to ensure their accuracy	ukulinganiswa kweeweyithi	istandathi weyithi esinobunzima obaziwayo , isetyenziswa ukulinganisa izixhobo zokumeta okanye izikali ukuqinisekisa ukunyaniseka 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	ikhaphasithi	ithwala kangakanani into;umzekelo:ikhaphasithi yokuhlala yendlu okanye owona mthamo mninzi ikhonteyna yamanzi engayiqokelela
cardinal number	number used for counting; excludes 0	ikhadinalinamba	inani elisetyenziswa ukubala; ngaphandle kuka0
centimetre	unit to measure length	sentimitha	iyunithi yokumeta ubude
characteristics	specific feature of a shape or object	iimpawu	uphawu olucacileyo lwesheyphu okanye iobhjekhthi
circle	closed shape consisting of points that are all equidistant from a central point called the centre	isekile; isangqa	isheyphu evalekileyo eyenziwa ziipoyinti eziekhwidistenti ukusuka kwipoyinti esesiphakathini, ipoyinti ekuthiwa yisenta
circular	shape of a circle	isetyhula	isheyphu yesekile

circumference	distance around the circle	Isekhamfarensi	umgama orhangqe isekile
clock	tool that measures, keeps and indicate time in units of hours, minutes and seconds	ikloko	isixhobo esimeta , sigcine ze sibonise ixesha ngokweeyunithi zeeyure, 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 bekloko	umboniso osetyhula wokujikeleza we12 yeeyure okanye 24 yeeyure , wahlulwe ngokweephathi ezilinganayo , unephathi nganye ebonisa iyunithi yexesha
clockwise	direction or orientation that follows the rotation of the hands of a clock	klokhuwayzi	indlela okanye uqhelaniso olulandela ukujikeleza kwamasiba ekloko
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	nambasentensi evalekileyo	nambasentensi yemethsi engenayo ivariyebhuli okanye ipleysi holda , ingqalile inesisombululo esisodwa esicacileyo, umzekelo: 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 	iklubhodi	itshati ekhethekileyo okanye itheybhile encedisa ukusombulula ingxaki ngokunika icebiso okanye isikhokelo esincedayo, incedisa ekucwangciseni ulwazi nokwenza kube lula ukufumana impendulo 
collective	group or set of elements, rather than individually; have properties or operations that apply to the entire collection	ingqokelela	iqela okanye isethi yee-elementi ziokuba sisiqu ,zineepropathi okanye iiophareyshini ezisebenziseka kwingqokelela iyonke
column	vertical arrangement of numbers, words or shapes	kholam	ulungelelwaniso lwamanani, amagama okanye iisheyphu oluvethikhali
column method	 mathematical way of adding, subtracting, or multiplying numbers by writing them in columns	kholam-methodi	indlela yemathematika yokudibanisa , yokuthabatha , okanye ukuphindaphinda amanani uwabhale ngokweekholam
combine	bring separate things together into one group	hlanganisa	hlanganisa izinto ezahlukileyo zibe liqela elinye

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 $\frac{6}{7}$	khomonifrekshini	iiphathi ezilinganayo zehowuli eneephathi ezimbini umz., inyumareytha (ikuxelela ukuba zingaphi iiphathi ezilinganayo onazo) nedinomineytha (ekuxelela ukuba zingaphi iiphathi zehowuli ezahluliweyo), umzekelo: $\frac{1}{2}$ and $\frac{6}{7}$
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 × 3 = 6 and 3 × 2 = 6	khomyuteyithivupropati	ipropathi apho ulandelelwano lwamanani lungatshintshwa xa udibanisa naxa uphindaphinda nempendulo ishiyeka ifana , umzekelo,:u4 + 5 = 9, no5 + 4 = 9 kananjalo u2 × 3 = 6 no3× 2 = 6
compare	look for ways in which two or more things are the same and the ways in which they are different	thelekisa	khangela iindlela apho izinto ezimbini nangaphezulu zifanayo neendlela apho zahluke khona
compare numbers	determine their relative size or order	thelekisa amanani	qinisekisa ubungakanani besayzi okanye ioda
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	khompenseyitha	nika into , okungenani kwisimo sokubhatala, ukuvuza, okanye inzuzo , ukulinganisa ilahleko, ukulimala okanye ukuphazamiseka okanye ukulinganisa ixabiso okanye isiphumo ngokudibanisa okanye ukuthabatha ixabiso elihambelanayo
complete	add the missing parts so that nothing is missing	gqibezela	dibanisa iiphathi ezishiyiweyo khonukuze kungabikho nto ishiyiweyo
composite numbers	whole numbers with more than two factors, example: the factors of number 4 are 1, 2 and 4	ikhompozithinamba	iihowuli namba ezineefekhtha ezingaphezu kwesibini , umzekelo:iifekhtha zenani u4 ngu1, 2 no4
concept (noun)	general thought or idea; something abstract that is precisely defined and described using mathematical language and notation	khonsepthi	ingcinga ephangaleleyo okanye umbono ; into eqikelelweyo echazwe yacaciswa usebenzisa ulwimi lwemathematika nenoteyshini
consecutive days	days that come after the other with no skipped days in between	iintsuku ezilandelelanayo	iintsuku ezilandelelanayo kungatsitywanga suku phakathi
consecutive numbers	numbers that follow each other in a pattern	amanani alandelelanayo	amanani alandelelanayo kwipatheni /sikhwensiyali oda.

	/ sequential order. e.g, 1, 2, 3, 4, and 5 are consecutive numbers, as are 10, 11, and 12		umz., u1, 2, 3, 4,no5 ziikhonzekethivu namba, njengo10, 11, no12
consecutive weeks	weeks that come after the other with no skipped weeks in between	iiveki ezilandelelanayo	iiveki ezilandelelanayo kungatsitywanga veki phakathi
consecutive years	years that come after the other with no skipped years in between	iminyaka elandelelanayo	iminyaka elandelelanayo kungatsitywanga nyaka phakathi
constant	anything that stays the same when all other parts do change in a pattern, equation or expression	ngatshintshiyo / ngajikiyo	nayiphina into ehlala ifana xa ezinye iiphathi zitshintsha kwipatheni, kwi-ikhweyzhini okanye iekhspreshini
constant difference	same number which is added or subtracted in a sequence of numbers	umahluko ongatshintshiyo / khonstentidifarensi	inani elifanayo elidityaniswa okanye lithatyathwe kwisikwensi yamanani
constant ratio	same number which is used to multiply or divide the numbers in a seqence of numbers	ireyishiyo engatshintshiyo / khonstentireyisho	inani elifanayo elisetyenziswa ukuphindaphinda okanye ukwahlula amanani kwisikhwensi yamanani
container	object or structure that can hold something	ikhonteyina	iobhjekhthi okanye isakhiwo esinokuthwala into
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	inguqulelo	inkqubo yokutshintsha ivelyu okanye iekhspeshini kwenye iyunithi ukuya kwenye ugcine isimo semathematika nevelyu , umz.ukutshintshs iimitha zibe ziikhilomitha
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	kopa ze ugqibezele	imisebenzi apho uphindaphinda ipatheni oyinikiweyo ,isikhwensi, okanye iekhspreshini wandule ugcwalise iiphathi ezishiyiweyo ukuyenza ibe yihowuli okanye iphelele
corner	point where two or more edges, lines, or curves meet, forming an angle	ikona	ipoyinti apho iieji ezimbini nangaphezulu , imigca , okanye iikhevu ezidibanayo ukwenza iengile
correct (adjective)	solution, answer, or process that adheres to established rules and definitions, resulting in a valid and accurate outcome	chanekile	isisombululo , impendulo , okanye inkqubo ebambelela ekwakheni imigaqo neenkcazelo, eziphumela kwisiphumo esisebenzayo nesichanekileyo

count	act of determining the quantity or the total number of objects in a set or a group	bala	isenzo sokufumana umyinge okanye itotalinamba yeeobhjekhthi kwisethi okanye iqela
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	iikhawuntazi	izinto ezibonakalayo , iidiski okanye iitshiphu, ezityenziwa ukubonisa amanani okanye iikhwantithi , ezincedisa ekuboneni nasekuphatheni iikhonsephthi zemathematika ezinje ngokubala , ukudibanisa , ukuthabatha , nangaphezulu
counting backwards	count in descending order, starting from a given number and decreasing by a certain interval each time	ukubala ubuya umva	bala ngokwedisendingi oda , uqale kwinani olinikiweyo ze ulinciphise ngeintavali ethile kwilixa ngalinye
cubit	ancient unit of length based on the distance from the elbow to the tip of the middle finger	khubhite	mandulo iyunithi yobude yayisekwe kumgama osuka engqinibeni ukuya kwincam yomnwe ophakathi
curved side	boundary or edge of a shape or object that is not straight, but follows a smooth, continuous arc or curve	icala elinamagophe	umda okanye ieji yesheyphu okanye yeobhjekhthi engekho streyithi ,kodwa ilandela iakhi esulungekileyo , neqhubekayo okanye ikhevu
D		**D**	
date	record showing a given day, month and year, example: 20 March 2025 or 20-03-2025	umhla	rekhoda ubonisa usuku olunikiweyo, inyanga, nonyaka, umzekelo: 20 Matshi 2025 okanye 20-03-2025
day	unit of time representing a 24-hour period	usuku	iyunithi yexesha ebonisa ixesha leeyure eziyi24
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	idesimalikhoma	isetyenziswa ukwahlula iphathi yehowuli (ngasekhohlo) ukusuka kwiphathi yefrekhshini (ngasekunene) yenani; eMzantsi Afrika , 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	idesimalifrekhshini	amanani angezohowuli , asebenzisa idesimali khoma ukwahlula iphathi yehowulinamba kwiphathi yefrekhshini , umzekelo:u3,14 okanye u12,5
decrease	make the amount or quantity smaller or lesser	nciphisa	yenza iamawunti okanye umyinge ube mncinane okanye ngaphantsi

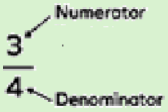
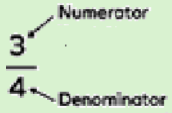
degrees Celsius	unit commonly used to measure temparature, example: 21℃	digriziSelshiyasi	iyunithi esetyenziswa rhoqo ukumeta izinga lobushushu , umzekelo: 21℃
denominator	indicates how many equal parts a whole is divided into 	idinomineytha	ibonisa ukuba zingaphi iiphathi ezilinganayo ihowuli eyahlulwe ngazo 
deposit	amount of money placed into an account (noun) or put or set down (something or someone) in a specific place (verb)	faka; diphozithi	Umyinge wemali ofakwe kwiakhawunti (isibizo) okanye beka okanye hlalisa (into okanye umntu) kwindawo ekhethekileyo (isenzi)
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	ubunzulu	meta ukuba inzulu kangakanani na into, umzekelo: meta ubunzulu bebhokisi; xa ufumana umgama phakathi kwesinye isiphelo sebhokisi nesinye isiphelo salebhokisi , umeta ubunzulu bebhokisi
descending order	items arranged from highest to lowest or biggest to smallest	idisendingioda	iiaythem ezicwangciswe ukusuka kweyona inkulu kuye kwencinci
describe	provide a detailed account of what something is, example: its properties and functions, using words or pictures	chaza	nika iinkcukacha ukuba yintoni , umzekelo:iipropathi nemisebenzi ,usebenzisa amagama okanye imifanekiso
design	create shapes, objects and patterns following specific rules or plan	yila	yakha iisheyphu,iiobhjekhthi neepatheni ulandela imigaqo echongiweyo okanye iplani
destination	final point of journey or trip	uphelohambo	isiphelo sohambo okanye itriphu
determine	find out the exact information or the exact answer about something	fumana	funa eyona nkcukacha okanye impendulo echanekileyo ngento
diagonal	line that connects two vertices of a polygon, that are not on the same line	idayagonali	umgca odibanisa iivethisi ezimbini zepholigoni,ezingekho kumgca omnye
diagram	drawing or picture used to visualise something	dayagram	umzobo okanye umfanekiso osetyenziswa ukubonisa into

diagram form	visual representation of something using diagrams, graphs, charts or other visual aids	idayagram fom	ukubonakaliswa kwento usebenzisa iidayagram,iigrafu,iitshati,nezinye izincedisi ezibonwayo
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	umahluko	impendulo xa uthabatha elinye inani okanye umyinge komnye,umzekelo:ku26 - 16 = 10, u10 ngumahluko phakathi ko26 no16 okanye uthelekisa nantoni ngokweempawu zazo
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	dijithi	nayiphi kwezi simboli (0, 1, 2, 3, 4, 5, 6, 7, 8, okanye u9) esetyenziswe ukubonisa amanani , ngakumbi ngaphakathi kwikhomoni bheyisi u10 (kwidesimali)sistim
digital clock	clock displaying time in a numeric format using digits to show the hours and minutes (and sometimes seconds)	ikloko edijithali	ikloko ebonisa ixesha ngokwenyumerikhi fomathi isebenzisa iidijithi ukubonisa iiyure nemizuzu (ngamanye amaxesha nemizuzwana)
digital time	display of time using numerical digits	ixesha ledijithali	ukubonakaliswa kwexesha usebenzisa iinyumerikhali dijithi
dimension	measurable extent of a particular kind, such as length, breadth, depth, or height	idayimenshini	umyinge ometwayo wohlobo oluthile, kuquka, ubude, ububanzi,ubunzulu nomphakamo
distance	measure of how far apart two points are	umgama	meta ukuqelelana kweepoyinti ezimbini ngu
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 × 3 + 2 × 5; this property also applies to subtraction	distribhyuthivuprop ati	ukuphindaphinda isam yee-edendi ezimbini nangaphezulu ngenani kuyakusinika isiphumo esifananyo njengokuphindaphinda iedendi nganye ngelonani ze uphinde udibanise iiprodakhthi zonke, umzekelo:u2(3 + 5) = 2 × 3 + 2 × 5;le propathi ilungile naxa uthabatha
divide	break up or share a quantity into equal parts or groups or	yahlula	yahlukanisa okanye wabe ikhwantithi ibe ziiphathi ezilinganayo okanye amaqela okanye

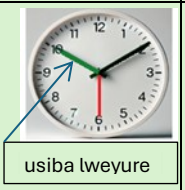
	separate or be separated into parts.		yahlula okanye wahlulelwe ibe ziiphathi.
dividend	number being divided in a division problem, example: in the number sentence $\frac{15}{3}$ = 5, the number 15 is the dividend	idividendi	inani elahlulwayo kwingxaki yokwahlula,umzekelo: kwinambasentensi u153 = 5, inani u15 yidividendi–
divisible	describes a number that can be divided by another number without leaving a reminder	ukwahlulahluleka	lichaza inani elinokwahluleka ngelinye inani lingashiyi rimeyinda
division	an action of dividing	ulwahlulwahlulo	isenzo sokwahlula
divisor	number that divides another number, example: 12 ÷ 3 = 4, the number 3 is a divisor of 12	divayiza	inani elohlula elinye inani, umzekelo:u12 ÷ 3 = 4,inani u3 yidivayza ka12
double	add the same thing to itself, or multiply something by 2, resulting in twice the original, example., dou ble 8 is 16	phinda kabini	dibanisa into enye kwakuyo,okanye phindaphinda into ngo2 , isiphumo sisibini kwinani lokuqala, umzekelo, ukuphinda kabini u8 ngu16
doubling and halving strategy	multiplication strategy which involves doubling one factor and halving the other to make the calculation simpler	istratheji sokuphinda kabini nokwahlula ehafini	isitratheji sokuphindaphinda esiquka ukuphinda kabini enye ifekhtha nokwahlula ehafini enye ukwenza lula ikhaltyhuleyshini
draw	create a picture or diagram by using a pencil, pen or other instrument	zoba	yenza umfanekiso okanye idayagram usebenzisa ipensile , ipeni okanye esinye isixhobo
E		**E**	
each	term used to indicate that a statement or operation applies to every individual element or unit within a set or collection	nganye	aythem esetyenziswa ukubonisa ingxelo okanye iophareyshini isebenza kwielementi nganye okanye iyunithi ekwisethi okanye ingqokelela
earn	get money in exchange for work that you do or receive or gain something as a result of effort, work, or achievement	zuza	fumana imali ukutshintshisa ngomsebenzi owenzayo okanye fumana okanye zuza into ngenxa yemizamo, umsebenzi , okanye impumelelo
eight	cardinal number between 7 and 9; composite number	sibhozo	ikhadinali namba phakathi ko7 no9 ; yikhompositi namba

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)	eighth	iodinali fom yenani isibhozo,ithetha ukuba ibonisa indawo kwisikhwensi umzekelo,:usuku lwesibhozo enyangeni (isiphawuli) okanye enye kwiiphathi ezisibhozo ezilinganayo apho ihowulinamba yohluliwe,umzekelo: $\frac{1}{8}$ (isenzi)
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	yandisa	yandisa ubungakanani bento okanye yandisa ubungakanani besheyphu okanye ifiga ngelixa ugcine iproposhini ngokuphindaphinda ngereyshiyo engatshintshiyo okanye iskeyli fekhtha
equal	being same in quantity, dimension, degree, or value	lingana	ukufana kumyinge , daymenshini, digri, okanye ivelyu
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 ngokulinganayo	ikhonsepthi esetyenziswa ukwahlula umyinge opheleleyo ube linani elikhethiweyo lezinto ezilinganayo okanye amaqela , apho iphathi okanye iqela lithwala inani elifanayo leeaythem
equal sign	shows equal quantities or numbers, the symbol '=' is used	uphawu lokulingana	ibonisa izinto ezilinganayo okanye amanani ,isimboli u'='iyasetyenziswa
equivalent	two or more things that are equal in value, function, or meaning, even if they look different	ekhwivalenti	izinto ezimbini okanye ngaphezulu ezilinganayo ngevelyu, umsebenzi ,okanye intsingiselo , nakuba zibonakala zahlukile
equivalent form	different ways of representing the same thing such that they have the same value or meaning	ekhwivalentifom	iindlela ezahlukileyo zokubonisa into efanayo khonukuze zibe nevelyu efanayo okanye intsingiselo
equivalent fractions	represent the same value, even though they have different numerators and denominators; can be found by multiplying or dividing both the	iifrekshini eziekhwivalenti	bonisa ivelyu efanayo ,nakuba zineenyumareytha needinomineytha ezahlukileyo; kungafunyanwa ngokuphindaphinda okanye ukwahlulahlula zombini inyumareytha nedinomineytha

	numerator and denominator of a fraction by the same non-zero number. example: $\frac{3}{7} \times \frac{5}{5} = \frac{15}{35}$		yefrekhshini ngenani elifanayo elingengoziro umzekelo: $\frac{3}{7} \times \frac{5}{5} = \frac{15}{35}$
estimate	approximate calculation or judgement of the value, number quantity or extent of something	qikelela	ikhaltyhuleyshini yoqikelelo okanye isigqibo esifanelekileyo sevelyu ,umyinge wamanani okanye ubungakanani 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	uqikelelo	inkqubo yokwenza ikhaltyhuleyshini ekhawulezileyo yoqikelelo olukufutshane ngokwaneleyo kwimpendulo echanekile;isetyenziswa rhoqo xa umeto oluchanekileyo okanye izixhobo zingekho
even number	whole number that is exactly divisible by 2, example: 0; 2; 4; 6; 8; 10; …	ivininamba	ihowuli namba eyahlulahluleka ngqo ngo2, umzekelo :0; 2; 4; 6; 8; 10; …
evening	time interval after sunset	ubusuku	ixesha lokuphumla emva kokutshona kwelanga
exceed	one quantity is greater or more than another	ukugqithisa	umyinge mkhulu okanye ungaphezulu kunomnye
expanded notation)	representing a number as a sum of its place value parts	ekspandedinoteyishini	ibonisa inani njengesam yeziqu zeepleysi velyu zalo
extend	enlarge; expanded to include additional elements or values	yandisa	yandisa ;yandisiwe ukuquka iielementi ezongeziweyo okanye iivelyu
F		**F**	
face	any flat surface of an object	feyisi	nayiphi isafeysi eflethi yeobhjekhthi
fact	piece of information that is known to be true	nyaniso	isiqwenga solwazi olwaziwa ngokuyinyaniso
factor	number that is multiplied by another number to get a product. example: 2 and 4 are factors of 8 because 2 × 4 = 8	fektha	inani eliphindaphindwe ngelinye inani ukufumana iprodakhthi .umzekelo:u2 no4 ziifekhtha zika8 kuba u2 × 4 = 8
false	statement that is incorrect or untrue	ubuxoki	ingxelo enganyanisanga okanye engeyonyani
few	small quantity of something; not many things	mbalwa	umyingana wento;izinto ezi ngeninzanga
fifth	ordinal form of the number five indicating position in a sequence	fifth	odinali fom yenani uzintlanu ebonisa indawo kwisikhwensi,umzekelo :usuku lwesihlanu lwenyanga

	example: the fifth day of the month or one of 5 equal parts into which a whole is divided, example: $\frac{1}{5}$ (noun)		okanye iphathi enye kwezi5 ezilinganayo apho ihowuli yohlulahluliweyo, umzekelo: $\frac{1}{5}$ (isibizo)
figure	diagram or sketch of an object or shape	ifiga	dayagram okanye isiketshi seobhjekhthi okanye yesheyphu
financial contexts	management, creation, and study of money, banking, credit, investments, assets, and liabilities	iimo zezemali	ulawulo,indalo,ukufunda ngemali,ibhenkingi, ikhredithi,utyalo-mali ,iiasethi,nobutyala
first	ordinal form of the number one, meaning it indicates a position in a sequence example: the 1st day of the week	yokuqala	odinali fom yenani uinye,ithetha ukuba ibonisa indawo kwisikhwensi umzekelo :usuku loku1 evekini
five	cardinal number between 4 and preceding 6; a prime number	ntlanu	khadinali namba phakathi ko4 neyandulela u6 ; praym namba
flow diagram	diagram showing how an input value is transformed into an output value based on a specific rule or an inverse thereof	flowudayagram	dayagram ebonisa indlela i-iputhi etshintshwe yaba yiawuthputhi velyu esekelwe kumthetho othile okanye i-invesi ngayo
fraction	part of a whole	frekshini	phathi yehowuli
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	frekhshinistriphu	isixhobo esisetyenziswa ukwazi iifrekhshini ngokuzibonisa njengeephathi ezilinganayo zehowuli usebenzisa iphepha okanye nenye into ephathekayo; nengasetyenziswa ukuthelekisa ,ukudibanisa, ukuthabatha nokufuna iiekhwivalenti frekhshini
G		**G**	
general rule	relationship or rule that defines how the elements in the pattern are organised	umgaqo ngokubanzi	unxulumano okanye umgaqo ochaza indlela iielementi kwipatheniezicwangciwe ngayo
geometric pattern	pattern represented in lines, shapes and objects that are arranged in a specific manner	jiyometrikipatheni	ipatheni ebonakaliswe ngemigca, sheyphu neeobhjekhthi ezicwangciswe ngendlela ethile
geometric shapes	closed figures created using points, lines,	iijiyometrikisheyiphu	iifiga ezivalekileyo ezenziwe ngokusebenzisa iipoyinti, imigca ,

	and curves or a combination of both, example: circles, rectangles, cones, etc.		neekhevu okanye indibaniselwano yazo,umzekelo:iisekile iirekhthengile,iikhowni,njl.
gram	unit to measure mass equal to one thousandth of a kilogram	grem	iyunithi yokumeta ubunzima ilingana nethousandth enye yekhilogram
grid	pattern of evenly spaced intersecting lines or dots often used for plotting points, drawings figures, displaying equations etc.	gridi	ipatheni yeemigca emibini enezithuba ezilinganayo edibanayo okanye amachaphaza asetyenziswa ukubeka iipoynti , imizobo ,iifiga,ukubonisa ii-ikhweyzhini njl.
group	set or collection of numbers, shapes or objects	iqela	isethi okanye ingqokelela yamanani ,iisheyphu okanye iiobhjekhthi
grouping	combining numbers or objects into sets based on certain criteria	igruphingi	ukudibanisa amanani okanye iiobhjekhthi zibe ziisethi ezakhelwe kwizimvo ezithile
growing pattern	pattern that increases by a specific rule or amount	ipatheni ekhulayo	ipatheni eyandayo ngokomgaqo othile okanye umyinge
H		**H**	
half	fraction ($\frac{1}{2}$), which means dividing into two equal parts	hafu; isiqingatha	ifrekhshini ($\frac{1}{2}$), ithetha ukwahlula ngokweephathi ezimbini ezilinganayo
half past	30 minutes after the beginning of an hour	icala emva	Imizuzu eyi30 emva kokuqala kweyure
halfway between	midpoint or average of two point or given values	isiqingatha phakathi	ipoynti ephakathi okanye iavareyji yeepoynti ezimbini okanye iivelyu ezinikiweyo
halving	dividing a number or quantity by 2 or multiplying by half ($\frac{1}{2}$)	ukwenza isiqingatha; ukwenza ihafu	yahlula inani okanye umyinge ngo2 okanye uphindaphinde ngehafu ($\frac{1}{2}$)
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	umphakamo	umeto lomgama ovethikhali ukusuka kwipoynti ekubhekiswa kuyo, ngokuqhelekileyo umhlaba okanye kwisiseko ,ukuya encotsheni okanye eyona poynti iphakamileyo yeobhjekhthi
hexagon	closed figure with six straight sides	iheksagoni	ifiga evalekileyo enamacala amathandathu astreythi
horizontal	something lying flat from side to side, like a line or a surface that goes left and right, not up and down	horizontali	into elele flethi macala onke , njengomgca okanye isafeysi esuka ekhohlo nasekunene ,hayi phezulu nasezantsi

hour	unit of measuring time equal to 60 minutes	yure	iyunithi yokumeta ixesha ilingana nemizuzu eyi60
hour hand	short hand of a clock which shows how many hours have passed in a day  usiba lweyure	usiba lweyure	usiba olufutshane lwekloko elibonisa ukuba zingaphi iiyure ezidlulileyo ngosuku
hundred	numerical value representing 10 groups of 10	khulu; handredi	inyumerikhali velyu ebonisa i10 lamaqela oo10
Hundreds	base-10 system representing 10 groups of 10	amakhulu	inkqubo yebheyisi-10 ebonisa i10 lamaqela oo10
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)	hundredths	odinali fom yenani ikhulu , ibonisa indawo kwisikhwensi,umzekelo: usuku lwe100 lonyaka(isichazi) okanye enye yeephati ezilinganayo zika100 apho ihowuli yohluliwe,umzekelo: $\frac{1}{100}$(isibizo)
I		I	
identify	establish or indicate what something is	chonga	bonisa ukuba yintoni
including	having something or someone as a part of a group, list, or amount; adding or counting something in, not leave it out.	kuquka	ukuba nento okanye umntu njengomnye weqela,uluhlu,okanye ubungakanani,ukudibanisa okanye ukubala into,ungayishiyi ngaphandle.
incorrect	something that has mistakes in it or false	ayichanekanga	into eneempazamo okanye enganyanisanga
increase	make something bigger in size or value	yandisa	yenza into ibenkulu ngokomyinge okanye ivelyu
increasing pattern	pattern that grows by a specific rule or amount	ipatheni eyandayo	ipatheni ekhula ngomgaqo okanye umyinge othile
indicate	show, point out, or make clear something, often using symbols or notations	bonisa	bonisa,khomba okanye yenza into icace, usebenzisa isimboli rhoqo okanye inoteyshini
input	value that is entered into a number sentence which is then used to generate an output	inphuthi	ivelyu efakwa kwinambasentensi ze isetyenziswe ukuvelisa iawuthiphuthi
inspection	looking at a problem and quickly recognizing	inspekshini; ngokuyijonga	ukujonga ingxaki uze ukhawuleze uze nesisombululo ungakhange

	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 =10 by inspection		ude ube wenze ikhaltyhuleyishini ebanzi okanye ulandele inqanaba ngenqanaba, umzekelo:k■ + 6 = 10u ungakhawuleza ubone ukuba u ■ +4 =10 ngeinspekhshini
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	ii-invesiopareyshini	izibini zeeophareyishin zemathematika apho enye ingamela enye njenge invesi,umzekelo:ukudibanisa nokuthabatha zii-invesi ophareyishin,kunye nophindaphindo nokwahlulahlula zii-invesi ophareyishini 8 + 9 = 17 no 17 – 9 = 8; 6 × 4 = 24 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	phanda	yenza uviwo lweekhonsepthi olucwangcisiweyo lwacokiswa okanye lweengxaki, usebenzisa iindidi zobuchule okanye ukwakha ulwazi olunzulu
investigation	systematic and thorough examination of concepts, relationships, or problems to gather information, identify patterns, and draw conclusions	uphando	Uviwo lweekhonsepthi olucwangcisiweyo lwacokiswa ,unxibelelwano,okanye iingxaki ukuqokelela ulwazi,uchonge ipatheni wenze isigqibo iipateni
irregular polygon	type of polygon that does not have all sides and angles equal	iredyulapholigoni	uhlobo lwepholigoni enamacala nee-engile ezingalinganiyo
isometric grid	a grid of equilateral triangles	ayizometrikigridi	igridi yee-ekhwilatherali trayengile
item	general word that is used to refer to a single element or member within a set, list or collection	ayithem	igama elijenerali elisetyenziswa ukubiza ielementi okanye ilungu kwisethi,uluhlu okanye ingqokelela
K		**K**	
key (noun)	list, legend or note that explains the meaning of the symbols, colors, or other visual elements	sikhokhelo	uluhlu, iilejendi okanye ukuphawula okucacisa iisimboli,imibala okanye nezinye iielementi ezibonakalayo

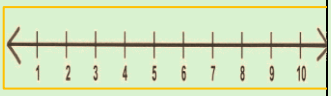
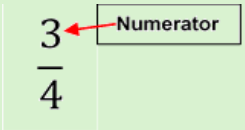
	used in a graph, chart, or diagram		ezisetyenziswe kwigrafu, kwitshati kwidayagram
key sequence	specific order of numbers, symbols, or operations that unlocks or solves a mathematical problem, puzzle, or code	isikhokhelo sesikhwensi	indlela ekhethekileyo yokucwangcisa amanani,iisimboli,okanye iiophareyishini ezivula okanye zisombulule ingxaki zemathematika,iphazili, okanye ikhowudi
kilograms	Standard International (SI) unit of mass equal to 1 000 g	khilogrem	Standard International (SI) yunithi yobunzima elingana no 1 000 g
kilolitre	unit to measure volume or capacity; equal to 1 000 ℓ	khilolitha	iyunithi emeta ivolyum okanye ikhaphasithi,elingana no 1 000 ℓ
kilometre	unit to measure length; equal to 1 000 m	khilomitha	iyunithi yokumeta ubude; elingana nee1 000 m
kitchen scales	measuring tool for mass used to measure weight of ingredients in the kitchen	izikali zekhitshi / izikali zegumbi lokuphekela	isixhobo sokulinganisa ubunzima esisetyenziswa ukumeta iweyithi yezinongo ekhitshini
L		**L**	
length	measurement along a line or curve or the longest side of the object or shape	ubude	umlinganiselo emgceni okanye ikhevu okanye elona cala lide kwiobhjekthi okanye kwisheyiphu
less than	means fewer than or smaller than	mncinane kuno-	ithetha ezimbalwa kuno okanye ezincinci kuno
limited to	indicates that a mathematical concept, object or operation is restricted, constrained or bounded	iphelela ku-	ibonisa ukuba ikhonsepthi yemathematika,iobhjekthi okanye iophareyishini ,ithintelwe,inyanzelekile,inomda
line	set of points that extend infinitely in two directions, with all points on the line lying in a single plane	umgca	ingqokelela yeepoyinti eyandiswa kumacala omabini,ineepoyinti zonke ezisemgceni kwipleyini enye
line segment	part of a line that has two endpoints; or a straight path that connects two points and has a fixed length	layinisegmenti	iphathi yomgca eneepoyinti ezimbini ekupheleni okanye indledlana enxibelelanisa iipoyinti ezimbini ezinobude obuqingqiweyo
litre	Standard International (SI) unit for capacity or volume; : a litre(ℓ)equal to 1 000 mℓ	ilitha (ℓ)	Standard International (SI) iyunithi ye khaphasithi nevolyum; : ilitha (ℓ)ilingana nee1 000 mℓ
long division	strategy for dividing numbers into smaller	ulwahlulwahlulo olude	isitrateji sokwahlulahlula amanani abe ngamaqelana okanye

	groups or parts, it helps to break down a problem into simple and easy steps		iiphathi,sincedisa ukwahlukanisa ingxaki ibekwimo namanyathelo alula
M		**M**	
mass	a measure of how heavy or light an object is	ubunzima	umlinganiselo wobunzima nobukhaphukhaphu beobhjekthi
match	identifying or connecting similar objects or elements based on shared characterics, such as size, shape or number	thelekisa	ukuchonga udibanise iiobhjekthi ezifanayo okanye iielementi ngokweempawu zazo,njengobungakanani, isheyiphu okanye inani
mathematical operation	process performed on numbers , such as addition, subtraction, multiplication and division. example, $4 \div 2 + 6 \times 2 + 3(5 - 2)$	iopareyishini yemathematika	inkqubo kumanani njengokudibanisa,ukuthabatha,uphindaphindo,nokwahlulahlula. Umzekelo,:$4 \div 2 + 6 \times 2 + 3(5 - 2)$
measure	find the size of one or more features, such as length, breadth, height, capacity, mass, etc.	meta, linganisela	funa ubungakanani bophawu olunye nangaphezulu, njengobude,ububanzi,umphakamo,ikhaphasithi,ubunzima njl.
measurement	process of determining the size of one or more features of something, typically involving comparing it to a known standard or unit	mlinganiselo	inkqubo yokuqinisekisa ubungakanani bempawu zento enye nangaphezulu,ngakumbi ukuyithelekisa kumgangatho okanye kwiyunithi eyaziwayo
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	imo yokumeta; imo yokulinganisela;	ukusebenzisa ulwazi lokumeta iikhonsepthi nezakhono kwiimo esiphila kuzo,kuquka ubude,ieriya,ivolyum,ubunzima,ixesha kunye nethempritsha, ezidla ngokuquka uqikelelo,ukuthelekisa, nekhaltyhuleyishini.
measuring instrument	device used to measure a physical quantity, such as length, mass, time, temperature, or pressure	isixhobo sokumeta	isixhobo esidla ngokusetyenziswa ukumeta iphysical quantity njengobude,ubunzima,ixesha, ithempritsha okanye ipresha
mental calculation	involves performing arithmetic operations (like addition, subtraction, multiplication, and division) solely using	khaltyhuleyitha ngengqondo	kuquka ukwenza iiarethmethikhi ophareyshini(njengokudibanisa, ukuthabatha,uphindaphindo nokwahlulahlula) usebenzisa ingqondo kuphela,ungaxhomekeki

	your mind, without relying on external tools like calculators or paper or pencil		kwizixhobo ezinjengekhalytyhuleyitha okanye iphepha nepensile
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	mentalimethsi (	ithem ebanzi equka iireyinji yezakhono zemathematika neendlela zokwenza eziquka ukukhumbula ngokukhawuleza iinambafekthi nolwakhiwo lweekhaltyhuleyshinistratheji ezinokusetyenziswa ngokukhawuleza
method	step-by-step way of doing something such as solving a problem, constructing an object or calculating an answer		inqanaba ngenqanaba lokwenza into njengokusombulula iingxaki,ukwakha iobhjekthi okanye ukukhaltyhuleyitha impendulo
metre	Standard International (SI) unit of length equal to 100 cm	mitha	Standard International (SI) iyunithi yobude elingana no 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)	mithastikhi	isixhobo sokumeta esinezithuba eziphawulwe ngokulinganayo zokumeta ubude,ububanzi,umphakamo ngee metre (m),iisentimitha (cm) nee milimitha (mm)
midday	middle of the day, exactly 12:00 noon	minimaqanda	isiqingatha semini , kanye ngo12:00 nkqo
millilitre	unit of measurement in a matric system to measure smaller capacity or volume	mililitha	iyunithi yokumeta kwinkqubo yemetrikhi ukumeta ikhaphasithi encinci okanye ivolyum
millimetre	unit of measurement in a metric system for short length or distance	milimitha	iyunithi yokumeta ubude okanye umgama omfutshane kwinkqubo yemetrikhi
minimum temperature	lowest value of temperature recorded or measured within a given time period or data-set	ithempritsha esezantsi	elona zinga lisezantsi lethempritsha erekhodiweyo okanye emetiweyo ngexesha elinikweyo okanye idatha-sethi
minuend	quantity or a number from which a number is to be subtracted, example:10 – 3 = 7, the minuend is 10	minyuwendi	umyinge okanye inani ekuthatyathwa kulo,umzekelo:10 – 3 = 7, iminyuwendi ngu 10

minus (–)	operation sign used to indicate subtraction	thabatha (-)	iophareyshini sayini esetyenziswa xa kuthatyathwa
minute	unit of time which is 60 seconds	mzuzu (isibizo)	iyunithi yexesha ngu 60 wemizuzwana
minute hand	long hand on a clock face which shows how many minutes have passed in each hour Usiba lwemizuzu	usiba lomzuzu	usiba olude kwikloko olubonisa ubungakanani bemizuzu edlulileyo ngeyure nganye
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 phambi	imizuzu ethile edlulileyo phambi kwexesha eliqingqiweyo,umzekelo:imizuzu mi5 phambi ko8 uthetha 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 edlulileyo	imizuzu ethile edlulileyo emva kwexesha eliqingqiweyo,umzekelo: 5 imizuzu u 8 ebethile uthetha 08:05
month	period of time which is approximately 28 - 31 days	inyanga	ixesha eliqikelelwa kwi 28 - 31 yeentsuku
more than	greater quantity or value in size or amount, represented by a symbol >	ngaphezu ko	umyinge ongaphezulwana okanye ivelyu ngokobungakanani okanye isixa ibonakaliswa nge simboli >
morning	part of the day from midnight until midday	intsasa	usuku lwemini ukusuka ezinzulwini zobusuku ukuya kwimini emaqanda
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	maltipuli	Iprodakhthi esiyifumana xa inani liphindwa ngelinye inani , umzekelo: ukuba sithi: u4 × 5 = 20, u 20 yi prodakthi ka 4 no 5
multiplicand	number being multiplied, example, in $3 \times 6 = 18$, 3 is the multiplicand	isiphindwa	inani eliphindwayo, umzekelo: ku 3 × 6 = 18, u3 sisiphindwa
multiplication	mathematical operation that represent the reapeted addition of a number example, $4 \times 3 = 12$, which means $4 + 4 + 4 = 12$	uphindaphindo	iophareyshini yemathematika ebonisa ukudibanisa okuphindaphindayo kwenani,umzekelo u: $4 \times 3 = 12$, uthetha u$4 + 4 + 4 = 12$

multiplication fact	mathematics problem that shows the result of multiplying two numbers together, example: 2 × 3 = 6	inyaniso yophindaphindo	ingxaki kwimathematika ebonisa isiphumo sokuphindaphinda amanani amabini kunye ,umzekelo:u 2 × 3 = 6
multiplication table	structured way to present the products of multiplying numbers	itheyibhile yophindaphindo	indlela ecwangcisiweyo yokubonisa iiprodakthi yokuphindaphinda amanani
multiplicative inverse	number(reciprocal) that when multiplied by the original number, results in a product of 1, example: $2 \times \frac{1}{2} = 1$	i-invesi yophindaphindo	inani(resiprokhali) eliphindaphindwe ngenani lokuqala,lisinika iprodakhthi engu1,umzekelo:$2 \times \frac{1}{2} = 1$
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	phindaphinda; malthiplaya	yenza ikhaltyhuleyshini yemathemathika ukufumana iprodakhthi yamanani amabini nangaphezulu ebizwa ngokuba kukudibanisa okuphindiweyo okanye yandisa okanye ukhulise into ngokukhawuleza,imveliso okanye inzala; hlanganisa okanye phinda into
multiplier	number that multiplies another number, example: in 3 × 6 = 18, 6 is the multiplier	isiphindaphindi	inani eliphindaphinda elinye inani ,umzekelo: ku3 × 6 = 18, u6 sisiphindaphindi
N		**N**	
natural numbers	set of numbers that are greater than zero; also known as counting numbers example: 1, 6, 89, 345, …	inatshuralinamba	isethi yamanani angaphezulu koziro; aziwa ngokuba ziikhawuntingi namba umzekelo:u1, 6, 89, 345, …
non-polygons	geometric figures that don't have straight sides or are not closed	ezingezopholigoni	iijiyometrikhi figa ezingenawo amacala astreythi okanye ezingavalekanga
not limited to	mathematical concept, object or operation is general, extensive or open-ended	akupheleli ku-	ikhonsephthi yemathematika ,obhjekhthi ,okanye ophareyshini ngokubanzi, inzulu okanye ivulelekile
note	written or recorded; worth paying attention to; important or significant	qaphela	ibhaliwe okanye irekhodiwe ; okanye ifuna ukuthathelwa ingqalelo;ibalulekile
number	mathematical object used to represent the quantity of objects or	inani; namba	iobhjekhthi yemathematika esetyenziswa ukubonisa ubungakanani bezinto okanye

	items; express the size, length, or amount of something; identify or classify objects, events, or positions.		iiaythem ;iboniswe ubungakanani , ubude,okanye umyinge wento ,ukuchonga okanye ukuhlela iiobhjekhthi ,iziganeko ,okanye iindawo.
number line	straight line with numbers marked on it at equal intervals. 	umgcamanani; inambalayini	umgca ostreythi onamanani ophawulwe ngokwezikhewu ezilinganayo
number name	word representation of a numerical value, example: one for 1, two for 2, and twenty-five for 25	gamanani	imbonakalo yamanani enyumerikhali velyu , umzekelo : nye ku1, mbini ku2 ,namashumi mabini anesihlanu ku25
number range	group of numbers that starts from one number and ends at another number.	nambareyinji	iqela lamanani aqala kwisinye aphele kwelinye inani
number sentence	statement that expresses a mathematical relationship between numbers, using quantities or values, operations or symbols	isivakalisinani; nambasentensi	ingxelo ebonisa unxulumano lwemathematika phakathi kwamanani , usebenzisa imiyinge okanye iivelyu, iiophareyshini okanye iisimboli
number symbol	numbers represented by symbol called numeral, such as 5 for the number five	Isimbolinani; nambasimboli	amanani abonakaliswe ngesimboli ekuthiwa yinyumerali ,njengo5 omele inani uzintlanu
number value	worth of each digit in that number which depends on its place value	velyunani	ixabiso ledijithi nganye kwinani elixhomekeke kwipleyisi velyu yalo
numerator	indicates how many equal parts are there 	nyumareyitha	ibonisa ukuba zingaphi iiphathi ezilinganayo ezikhoyo
numeric pattern	sequence of numbers that follows n a certain rule or order	inyumerikipatheni	isikhwensi yamanani elandela umgaqo othile okanye ioda

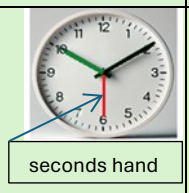
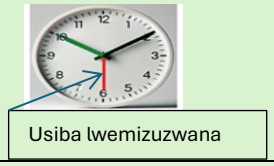
O		O	
odd number	whole number that cannot be divided evenly by 2	inani elimnqakathi; odinamba	ihowlinamba engenakwahlulwa kabini ngokulinganayo ngo2
one	first cardinal number; multiplicative identity	nye	ikhadinali namba yokuqala,iayidentithi yokuphindaphinda
ones	place value of the rightmost digit in a whole number, representing the value of the digit, example, in the number 37, the 7 is in the ones place, representing 7 ones	izinye; oononye	ipleyisi velyu yelona nani elisekunene kwihowlinamba,libonisa ivelyu yedijithi,umzekelo ku37, u 7 ukwindawo yoononye, ebonisa oononye abayi 7
operation sign	mathematical symbols that denote basic operations, example: (+) for addition: (−) for subtraction, × for multiplication, ÷ for division	ophareyishinisayini	isimboli yemathemathika ebonisa ibheyiskhi ophareyishini umzekelo: (+) wokudibanisa,(-) wokuthabatha, (x) wokuphindaphinda no (÷)ukwahlulahlula
ordering data	arranging data in a specific sequence, example: ascending order, descending order, most occuring, ...	ukucwangcisa idatha	ukucwangcisa idatha ngendlela ekhethekileyo,umzekelo:asendingi oda,disendingi oda,amanani avela qho, ...
ordinal number	indicates position or rank of something	odinalinamba	ibonisa isikhundla okanye irenki
output	result or value that is produced when a specific input is processed	isiphumo / awuthiphuthi	isiphumo okanye ivelyu enikwa xa iinphuthi ethile isetyenziwe
own creation	ability to design and develop patterns, objects or shapes based on own ideas and rules	ukuzenzela / ukuziyilela / ukuzidalela / ukuziqambela	isakhono sokwenza ukhulise iipateni,iiobhjekthi okanyeiisheyiphu ngendlela ozibona ngayo nangemigaqo ozibona ngayo
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', ligama lesi Latin lasemva kwemini emaqanda kwikloko yeyure eziyi 12 12 elibonisa ixesha emva ko 12 emini emaqanda phambi ko 12 ezinzulwini zobusuku
palm of hand	old measuring unit which is equal to a width of a hand and it does not include the thumb	intende yesandla	isixhobo sakudala sokumeta esilingana nobubanzi besandla ingabafaki ubhontsi
pattern	arrangement of numbers, lines or shapes that follows a specific rule or sequence	ipateni	ucwangciso lwamanani,imigca okanye iisheyiphu olulandela umgaqo othile okanye isikhwensi

pentagon	closed figure with five straight sides	ipentagoni	ifiga evaliweyo enamacala amahlanu astreyithi
percent	means per 100 or out of 100.	ipesenti	ithetha nge 100 okanye kwizinto ebeziyi 100 100 or out of
percentage	way of expressing a fraction as hundredths represented by symbol (%)	ipesenteji	indlela yokubhala i frakhshini ngokwe hundredths eboniswe ngesimboli u (%)
perimeter	primarily applies to 2D shapes, measuring the distance around the shape.	umbiyelo; ipherimitha	isingisele kwii 2D sheyiphu, ukumeta umgama ojikeleze isheyiphu
physical form	tangible representation of a mathematical concepts or objects such as geometric objects, counting blocks, etc	fizikhalifom	ibonisa ikhonsephthi zemathematika eziphathekayo okanye ii obhjekthi zejiyometri,namabhloko okubala,njl.
place holder	symbol or character (□) used to represent an unknown value	pleyisiholda	isimboli okanye ikharekhtha (□) esetyenziswa ukubonisa ivelyu emayifunwe
place value	value of every digit in a number depending on its position	pleyisivelyu	ivelyu yedijithi kwinani exhomekeke kwisikhundla ekuso
plus (+)	operation sign used to indicate addition	dibanisa (+)	iophareyishini sayini esetyenziswa ukubonisa ukudibanisa
polygon	two-dimensional closed figure with straight sides	pholigoni	2-dayimenshinali figa evalekileyo enamacala asitreyithi
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	ixabiso	umyinge wemali efunekayo yokutshintshisa ngeempahla neezixhobo okanye zibonisa ixabiso okanye ukunikela okufunekayo ukufumana into,ngaphandle kwemali iyodwa
problem situation	in mathematics, a "problem situation" or a "word problem" presents a real-life scenario requiring mathematical understanding and calculation to solve	isimo sengxaki	kwi mathematika,'isimo sengxaki' sibonisa iimeko zokuphila ekufuneka ziqondwe xa kukhaltyhuleyithwa
problem solving	involves applying logical thinking and established mathematical concepts to find solutions to various problems	ukusombulula ingxaki	ziquka ukucinga okuhleliweyo neekhonsephthi ezihleliweyo zemathemathika ukufumana izisomnululo kwiingxaki ezahlukileyo zemathematika
product	result obtained when two or more quantities are multiplied together or	iprodakthi	isiphumo xa uphindaphinda amanani amabini nangaphezulu okanye

	the output or result of a process, effort, or activity		i awthiphuthi okanye isiphumo senkqubo,umzamo okanye umsebenzi
profit	financial gain derived from a business transaction or activity or any benefit or gain, not just financial	inzuzo; profithi	inzuzo yemali esusela kwishishini lentengiselwano okanye umsebenzi okanye nayiphina inzuzo ingabi yeyemali kuphela
properties of whole numbers	an understanding of how whole numbers behave when we perform operations like addition and multiplication	iipropathi zehowulinamba	ukuqonda indlela iholinamba eziziphatha ngayo xa zisetyenziswa kwiiophareyishini ezinjengokudubanisa nokuthabatha
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.	ipropathi	uphawu okanye umgaqo owenzeka rhoqo kwisethi yamanani,iophareyishini,iisheyiphu okanye iiobhjekhthi Iprophathi ngumgaqo ohlala unyanisekile okanye othetha indlu okanye umhlaba womntu okanye oqashisayo
protractor	geometric measuring instrument used to measure and construct angles in degrees	iprotrektha	izixhobo zejiyometri ezisetyenziswa ukumeta nokwakha iengile nedigri
purchase	buy something	ukuthenga	buy something
Q		**Q**	
quadrilateral	closed shape with four straight sides	Ikhwadrilaterali	isheyiphu evaliweyo enamacala amane astreyithi
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	bungakanani / khwantithi	umlinganiselo onokumetwa obonakaliswe ngokwamanani aneyunithi yokumeta,isenokuba bubude,ubunzima,iixesha okanye inani lee ayithem
quarter	one of four equal parts of a whole; symbol ($\frac{1}{4}$)	ikota	imizuzu15 emva kweyure
quarter past	15 minutes after an hour	ikota emva	imizuzu15 phambi kweyure elandelayo
quarter to	15 minutes before the next hour	ikota phambi	enye yamacala amane alinganayo ehowuli,isimboli 1414)—

quotient	number resulting from the division of one number by another	ikhoshiyenti	inani elisisiphumo sokwahlulahlula amanani
R		**R**	
rand	unit of money in South Africa; symbol (R)	irandi	iyunithi yemali eMzantsi Afrika;isimboli(R)
rate	comparison of quantities of different kinds, which have different units; symbol (per or /)	ireyithi	uthelekiso lobungakanani bezinto ezahlukileyo ezinee yunithi ezahlukileyo,isimboli(nge okanye /
ratio	way of comparing two or more quantities of the same kinds; symbol (:)	ireyishiyo	indlela yokuthelekisa imiyinge emibini nangaphezulu efanayo;isimboli(:)
receive	get something that is sent, delivered or given	fumana	fumana into ethunyelweyo ,ezisiweyo okanye oyinikiweyo
recognise	identify and understand mathematical symbols, concepts, patterns, or relationships	gqala / rikhognayiza	chonga uqonde unxibelelwano lwee simboli,khonsepthi,pateni, zemathematika
record	collection of data or information (noun) or put something down in writing or other permanent form (verb)	rekhoda / shicilela	inqokelela yedata okanye i-information (isibizo) okanye ukubhala into okanye ngenjongo zokuyigcina (isenzi)
rectangle	a quadrilateral with four right angles and two pairs of opposite sides equal	irekthengile	ikhwadrilaterali enerayithi engile ezine nezibini zamacala alinganayo ajongeneyo
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	cutha / nciphisa	yenza into ibencinci ngobungakanani nobukhulu okanye ukuthoba ubukhulu besheyiphu ngelixa uwugcina umlinganiselo wayo ngokwahlulahlula nge reyisho okanye i skeyili fekhtha
regular polygon	straight-sided closed shape with all sides and all angles equal	redyulapholigon i	isheyiphu esitreyithi enamacala alinganayo nee-engile ezilinganayo
relationship	connection or association between two or more things	unxibelelwano / ukuzalana	unxibelelwano okanye umanyano phakathi kwezinto ezimbini nangaphezulu
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	intsalela	intsalela xa kohlulwa izinto apho idividendi ingohluleki ngokupheleleyo nge divayiza okanye okanye into eshiyekileyo emva kokuba into isetyenzisiwe

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	ukudibanisa okuphindiweyo	indlela yokuphindaphinda apho udibanisa inani elifana ncakakasana kwakulo,umzekelo: 3 × 4 is 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: Δ ; ■ ; Δ ; ■; Δ ; ■ ; Δ ; ■; …	ipateni ephindiweyo	uluhlu lweepateni eziphindiweyo, ezo pateni zingaboniswa ngamanani,iisheyiphu okanye iiobhjekthi,umzekelo: Δ ; ■ ; Δ ; ■; Δ ; ■ ; Δ ; ■; …
represent	signifies using models, symbols, or notation to express or illustrate mathematical ideas, relationships, or concepts	ukumela / bonisa / khombisa (isibizo)	bonisa usebenzisa iimodeli,iisimboli okanye inotheyishini ukuvakalisa imbono nonxibelelwano okanye ikhosephthi zemathematika
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	sondeza / rawundiofa	uqikelelo lwenani ukulenza lula kodwa lihlale lisondele kwi velyu yalo,ngokwe pleyisi velyu okanye iqondo lokuchaneka
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	sondeza ze ukhompenseyithe / rawundiofa ze ukhompenseyithe	iquka ukusebenza ngamanani enziwe lula ukwenza iikhaltyhuleyishini ,zilandeleke, wandule ulungise impendulo ukuyenza ichaneke ngakumbi, umzekelo: 256 + 98 = 256 – 2 + 98 + 2 = 254 + 100 = 354 23 × 48 23 × (48 + 2) = 23 × 50 = 1 150 UkuKhompenseyitha: = 1 150 – (23 × 2) = 1 150 – 46 = 1 104
row	horizontal arrangement of numbers, words or shapes	irowu / umqolo	ucwangciso lwamanani oluhorizontali,amagama okanye iisheyphu
rule	a statement or principle that guides or governs behaviour, action, or decision-making	umgaqo	ingxelo okanye umgaqo olawula isimo,isenzo okanye ukwenza isigqibo
ruler	measuring tool used to measure length	irula	isixhobo sokumeta esisetyenziswa ukumeta 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	isixhobo esisetyenziswa ukumeta ubunzima okanye indlela yokumeta okanye ukubonisa ubukhulu nobuncinci bento,itheleiswa nenye
scale calibration	process of adjusting the readings of a weighing scale to ensure its accuracy	isikali esinemilinganiselo	Inkqubo yokulungisa ufundo kwisikali sokulinganisa ukuqinisekisa ukuchaneka.
scale factor	number that is used to enlarge or reduce a figure while maintaining its shape	iskeyilifektha	Inani elisetyenziswa ukwandisa nokunciphisa ifiga ugcineubuyona besheyiphu
second	the ordinal form of the number two which indicates position in a sequence example: the second day of the month	umzuzwana	iodinali form yenani, isibini ebonakalisa indawo kwisikhwensi umzekelo: usuku lwesibini lwenyanga.
seconds	smallest unit of time counted from 1 to 60 to make a minute	imizuzwana	eyona unithi incinci yexesha ebalwe ukususka ku1 uye ku60 ukwenza umzuzu
seconds hand	thinnest hand on a clock face which shows how many seconds have passed in each minute 	usiba lwemizuzwana	olona siba luncinane lude kwikloko olubonisa ukuba mingaphi imizuzwana edlulileyo kumzuzu ngamnye 
sequence	an ordered list of objects, numbers or elements	isikhwensi / ulandelelwano	uluhlu olucwangcisiweyo lweeobhjekthi,amanani okanye iielementi
seven	cardinal number between 6 and 8; a prime number	isixhenxe	khadinali namba ephakathi ko6 no 8; iprayim 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 people parts into which a whole is divided, example: $\frac{1}{7}$	seventh	ifomu ye odinali yenani lesixhenxe,elithetha ukuba ibonisa indawo okanye isikhwensi,umzekelo:usuku lwesixhenxe lwenyanga okanye enye yeephati ezilinganayo eziyi7 apho ihowuli yohlulahluliweyo 17–
sharing	dividing a quantity among a certain number of people or groups	ukwabelana	yahlula ubungakanani phakathi kwenani elithile labantu okanye iqela
side	line segment that forms part of the outline or boundary of a shape	icala	layini segimenti eyenza inxalenye yomphandle okanye umda wesheyiphu

six	cardinal number following 5 and preceding 7; composite numbers	ntandathu	ikhadinali namba elandela ephakathi ko5 no7,eyi khompozithi 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: $\frac{1}{6}$	sixth	iodinali fom yenani lesithandathu,elithetha indawo elime kuyo inani kwisikhwensi,umzekelo: okanye enye yeephati ezilinganayo eziyi6 apho ihowuli yohlulahluliweyo: 16–
skill	one's proficiency in solving problems, applying concepts accurately, and using mathematical reasoning and strategies, including numerical operations, problem-solving strategies, and logical reasoning or learned ability or talent that helps you do something well or efficiently	isakhono	ubuchule bokusombulula iingxaki,usebenzise iikhonsepthi ngokuchanekileyo,nokusebenzisa ukuqondwa nezitratheji zemathematika,kuquka iinyumerikhali ophareyishini,izitratheji zokusombulula ingxaki nokucinga okuchanekileyo okanye isakhono esifundiweyo okanye isiphiwo esincedisa ukwenza into kakuhle nangokufanelekileyo
solution	answer to a mathematics problem or an answer, a remedy, or a fix that addresses a challenge or an issue	isisombululo	isisombululo kwingxaki yemathematika okanye isisombululo,ichiza,okanye isilungiso sengxaki okanye umba
solve	find an answer or a solution	sombulula	funa impendulo okanye isisombululo
solving problems	apply knowledge and skills to find solutions to various problems	ukusombulula iingxaki	sebenzisa ulwazi nezakhono ukufuna isisombululo kwiingxaki ezohlukeneyo
sort	arranging or grouping items in a specific order or based on shared characteristics	hlela / sota	cwangcisa izinto ngokwamaqela ulandela umgaqo othile usekelezele kwiimpawu ozinikiweyo
span	unit of measurement of distance between two points or length of the time between two events	isipeni	isixhobo sokumeta umgama ukusuka kubhontsi ukuya kucikicane okanye ubude bexesha phakathi kweziganeko ezibini
square	special type of a rectangle with all sides equal	isikwere	uhlobo olukhethekileyo lwerekhthengile enamacala alingana onke

square grid	set of horizontal and vertical lines that form squares of equal sizes	isikwegridi	ingqokelela yemigca ehorizontali nevethikhali eyenza izikwere ezilinganayo ngobukhulu
stopwatch	instrument used to measure the elapse of time of an event or activity	stophuwotshi	isixhobo esisetyenziswa ukumeta ukudlula kwexesha lesiganeko okanye umsebenzi
study	focused investigation or exploration of a specific concept, theory, or problem	funda	uphando olugxile okanye ukuhlola ikhonsephthi ethile,ithiyori,okanye ingxaki
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	fakela / sabstityutha	buyisela utshintsho okanye ipleysi holda ngevelyu ethile okanye into okanye umntu othatha indawo yomnye xa uqobo lwayo lungekho,lungafanelekanga ,okanye lutshintshiwe
subtract	take a number or amount away from another.	thabatha	thabatha inani okanye umyinge kwelinye/komnye
subtraction	the act of subtracting	ukuthabatha	isenzo sokuthabatha
sum	result or answer after adding two or more numbers or terms	samu	isiphumo okanye impendulo yokudibanisa isibini nangaphezulu samanani okanye iithem.
symbol	figure, sign or a combination of figures that is used to represent an object, operation and relationship	simboli	ifiga , uphawu, okanye indibaniselwano yeefiga esetyenziswa ukubonakalisa iobhjekhthi , iophareyshini nonxulumano
T			
table	organize and present data using rows and columns, like a grid, often used for displaying relationships between values or summarizing information	itheybhile	cwangcisa ze ubonise idatha usebenzisa iirowu neekholam , njengegridi esetyenziswa ukubonisa unxulumano phakathi kweevelyu okanye ukushwankathela ulwazi
tape measure	flexible, portable tool used to measure distance, lengths, widths and heights in mm, cm, m, ...	ulutya lokulinganisa / iteyiphu yokumeta	isixhobo esilungileyo, esiphathwayo, esisetyenziswa ukumeta umgama , ubude, ububanzi nomphakamo 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	umsebenzi / ithaski	umsebenzi owenzelwe ukubandakanya abafundi ekuhloleni nokusebenzisa iikhonsepthi zemathematika nezakhono,ukhulisa ukuqonda nzulu nezakhono zokusombulula ingxaki okanye umsebenzi othile,ofuna ukugqityezelwa , rhoqo ngexesha elithile elibekiweyo
technique	method or procedure used to solve problems, perform calculations, or prove theorems	ubuchule	imethodi okanye inkqubo esetyenziswa ukusombulula iingxaki ,ukwenza iikhaltyhuleyshini ,okanye ukungqina iithiyorem
temperature	degree of heat present in a substance or object measured in degrees Celsius (°C) in South Africa	ithempritsha / iqondo lobushushu	iqondo lobushushu elikhoyo kwinto okanye iobhjekhthi limetwa ngeedigrizi Selshiyasi eMzantsi 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	ibonisa umyinge okanye ivelyu yeshumi (10) yaye iyibheysi yenkqubo yedesimali (bheyisi 10), apho ipleysi velyu nganye yiphawa yeshumi
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	iqela leeyunithi zamashumi zenza indawo yesibini kwipleysi veylu ukusuka ekunene, emva kwendawo yemivo kwinani elineedijithi ezimbini njengo 23(2 amashumi ne3 yemivo)
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: $\frac{1}{10}$	tenth	odinali fom yenani ishumi, ithetha ukuba ibonisa indawo kwisikhwensi umzekelo: usuku lweshumi enyangeni okanye isinye seephathi ezi10 ezilinganayo apho ihowuli yohluliwe,umzekelo:$\frac{1}{10}$
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	ielement nganye okanye inani kwisikhwensi , elilandela ipatheni ethile okanye umgaqo okanye igama okanye iekhspreshini enentsingiselo ethile kumxholo othile
thermometer (noun)	instrument used to measure temperature	ithemomitha	isixhobo esisetyenziswa ukumeta ithempritsha

thickness (adjective)	measure of distance from one surface of an object to the opposite surface.	ubungqindilili	ukumeta umgama ukusuka kwisafeyisi yeobhjekhthi ukuya kwisafeyisi ejongene nayo
third (adjective/noun)	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)	third	odinali namba yenani untathu , ethetha ukubonisa indawo kwisikhwensi,umzekelo: usuku lweithathu lwenyanga (isiphawuli) okanye enye kwiiphathi ezi3 ezilinganayo apho ihowuli yohluliweyo, umzekelo:$\frac{1}{3}$ (isibizo)
thousand	numerical value representing 10 groups of 100	iwaka	numerikhali velyu ibonisa amaqela a10 oo100
thousands	base-10 system representing 10 groups of 100 or 100 groups of 10	amawaka	inkqubo yebheyisi-10 ebnisa amaqela a10 oo100 okanye amaqela a100 oo10
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)	thousandth	iodinali fom yenani iwaka , ebonisa indawo kwisikhwensi , umzekelo :uZodwa wayengumntwana we1 000 ngokuzalwa ngo2023(isichazi) okanye enye kwiiphathi ezilinganayo ezi1 000 apho ihowuli yohluliwe , umzekelo: $\frac{1}{1\,000}$ (isibizo)
three	cardinal number between 2 and 4; a prime number	ntathu	khadinali namba phakathi kuka2 no4: ipraym namba
time	measure of the duration or period	ixesha	umlinganiselo wexesha
time intervals	period between two points in time	ixesha elimisiweyo	ixesha phakathi kweepoynti ezimbini ngexesha
today	current day	namhlanje	usuku lwangoku
total amount	sum or whole amount resulting from adding two or more numbers or quantities together	umyinge uwonke	isam okanye umyinge uwonke ophuma ekudibaniseni amanani amabini nangaphezulu okanye izixa zizonke
total length	sum of all lengths or the overall extent of something from one end to the other	ubude bubonke	sam yobude bonke okanye ubungakanani ngokubanzi bento kusukela kwisiphelo sokuqala kuye kwesinye
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	ukulinga ze uphucule / trayali neimpruvmenti	isitratheji sokusombulula ingxaki esiquka uvavanyo ngokuphindaphindiweyo lwezisombululo ezinokubakho okanye ukuziqikelela nokuzicokisa okusingisele kukufikelela

	approximate answer, especially when an exact solution is difficult to find directly		kwiziphumo ezichanekileyo okanye kuqikelelo lwempendulo ,ngakumbi xa esona sisombululo sichanekileyo kunzima ukusifumana ngqo
triangle	closed shape with three straight sides	itrayengile	isheyphu evalekileyo enamacala amathathu astreythi
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	ivili lokumeta	ngamanye amaxesha libizwa ngokuba livili lemitha,isixhobo sokumeta imigama emide kuneteyphu yokumeta,okanye engasoloko ikumgca ostreythi; iiyunithi ziquka m,km
twice	two times or double	kabini	phinda kabini okanye (dibanisa kabini)
two	cardinal number between 1 and 3; prime number	mbini	ikhadinali namba phakathi ko1 no3: yipraym namba
U		**U**	
uncalibrated scale	weighing scale that has not been verified for accuracy	isikali esingenamilinga niselo	isikali sokumeta esingaqinisekiswanga ngokuchanekileyo
unit	a single, distinct, and well-defined entity that serves as a standard or reference for measurement, quantity, or classification, example: metre, thousands; quarters; ...	yunithi	into enye, eyahlukileyo, echazwe kakuhle esebenza njengomgangatho okanye intsingiselo yokumeta ,umyinge,okanye ezihleliweyo , umzekelo: imitha, amawaka, iikota ;...
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 yokumeta / iyunithi yokulinganisa	umgangatho wokumeta usetyenziswa ukumeta ubungakanani okanye ukubonisa umyinge okhethiweyo okanye imagnityhudi enjengeemitha zobude , iikhilogrem zobunzima, okanye imizuzwana yexesha
V		**V**	
value	a worth of something which can be a specific number, a variable or a constant	velyu	ixabiso lento enokuba linani elithile ,ivariyebhli okanye ikhonstenti
verbally	expressed or communicated using words, either spoken or written	ngamazwi / ngamagama	ibonakaliswa okanye ithethwa ngokusebenzisa amagama,ngokokuthethwa okanye ngokubhalwa
vertex	point at which two or more lines meet in an object or shape	kona	ipoyinti apho imigca emibini nangaphezulu idibanayo kwiobhjekhthi okanye isheyphu
vertical	something standing straight up and down, like a line or a surface that goes from top to bottom.	vethikhali	into eme ngqo phezulu nasezantsi , njengomgca okanye isafeysi esuka phezulu kuye ezantsi.

volume	amount of space an object or substance takes up; measured in cubic units or litres	volyum	umyinge wesithuba seobhjekhthi okanye into eyithathayo ; emetwa ngeetyhubhikhi yunithi okanye iilitha
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	iwotshi	isixhobo esimeta, sigcine kwaye sibonise ixesha ngokweeyunithi zeeyure , zemizuzu nezemizuzwana; esenzelwe ukunxitywa esihlahleni okanye sifakwe epokothweni
week	unit or period of time equal to seven days	iveki	yunithi okanye ixesha elimisiweyo lilingana neentsuku ezisixhenxe
whole numbe	collection of all the basic counting numbers and 0; in mathematics, counting numbers are called natural numbers	howulinamba	ingqokelela yawo onke amanani okubala no0 ; kwimathematika , amanani okubala kuthiwa ziihowuli namba
width	horizontal measurement or distance measured from side to side; sometimes called breadth	ububanzi	umeto oluhorizontali okanye umgama ometiweyo kumacala ngamacala; ngamaxesha athile lubizwa ngobubanzi
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	ingxaki yamagama	umsebenzi wemathematika oveliswe ngokwebali ,ofuna umfundi acaphule ulwazi olufanelekiyo , ubonakaliswe njengenamba sentensi nokusebenzisa iiikhonsepthi zemathematika neeophareyshini zokuwusombulula
X		**X**	
Y		**Y**	
year	a period of twelve months	nyaka	ixesha leenyanga ezilishumi elinambini
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	ziro	iaydentithi yokudibanisa(ukudibanisa uziro nakweliphi na inani kusinika impendulo efanayo) nepleyisi holda kwi namba sistim ; yenza isiseko seekhonsephthi zemathematika ezahlukeneyo nekhaltyhuleyshini