basic education

Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

SENIOR CERTIFICATE EXAMINATIONS/
NATIONAL SENIOR CERTIFICATE EXAMINATIONS
SENIORSERTIFIKAAT-EKSAMEN/
NASIONALE SENIORSERTIFIKAAT-EKSAMEN

MATHEMATICAL LITERACY P1/*WISKUNDIGE GELETTERDHEID V1*

2023

MARKING GUIDELINES/*NASIENRIGLYNE*

MARKS/*PUNTE*: 150

Symbol/*Kode*	Explanation/*Verduideliking*
M	Method/*Metode*
MA	Method with accuracy/*Metode met akkuraatheid*
CA	Consistent accuracy/*Volgehoue akkuraatheid*
A	Accuracy/*Akkuraatheid*
C	Conversion/*Herleiding*
S	Simplification/*Vereenvoudiging*
RT	Reading from a table/graph/document/diagram/*Lees vanaf tabel/grafiek/dokument/diagram*
SF	Correct substitution in a formula/*Korrekte vervanging in 'n formule*
O	Opinion/Explanation/*Opinie/Verduideliking*
P	Penalty, e.g. for no units, incorrect rounding off, etc./*Penalisasie, bv. vir geen eenhede, verkeerde afronding, ens.*
R	Rounding off/*Afronding*
NPR	No penalty for rounding/*Geen penalisasie vir afronding nie*
AO	Answer only/*Slegs antwoord*
MCA	Method with consistent accuracy/*Metode met volgehoue akkuraatheid*
RCA	Rounding consistent with accuracy/*Afronding met volgehoue akkuraatheid*

These marking guidelines consist of 19 pages.
Hierdie nasienriglyne bestaan uit 19 bladsye.

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NOTE:
- If a candidate answers a question TWICE, only mark the FIRST attempt.
- If a candidate has crossed out (cancelled) an attempt to a question and NOT redone the solution, mark the crossed out (cancelled) version.
- Consistent accuracy (CA) applies in ALL aspects of the marking guidelines; however it stops at the second calculation error.
- If the candidate presents any extra solution when reading from a graph, table, layout plan and map, then penalise for every extra item presented.
- Rounding is an independent mark.
- General principle of marking, if the candidate makes one mistake he loses one mark.
- A conclusion mark can only be given if relevant calculations precedes it.

LET WEL:
- *As 'n kandidaat 'n vraag TWEE KEER beantwoord, sien slegs die EERSTE poging na.*
- *As 'n kandidaat 'n antwoord van 'n vraag doodtrek (kanselleer) en nie oordoen nie, sien die doodgetrekte (gekanselleerde) poging na.*
- *Volgehoue akkuraatheid (CA) word in ALLE aspekte van die nasienriglyne toegepas; dit hou egter op by die tweede berekeningsfout.*
- *Wanneer 'n kandidaat aflesings vanaf 'n grafiek, tabel, uitlegplan en kaart geneem en ekstra antwoorde gee, penaliseer vir elke ekstra item.*
- *Afronding tel as 'n afsonderlike punt.*
- *Die algemene beginsel van merk as 'n leerder een fout maak verloor hy een punt.*
- *'n Gevolgtrekkingspunt kan slegs gegee word indien relevante berekeninge dit voorgaan.*

QUESTION/*VRAAG* 1 [31 MARKS/*PUNTE*] ANSWER ONLY FULL MARKS			
Q/*V*	**Solution/*Oplossing***	**Explanation/*Verduideliking***	**T&L**
* 1.1.1	✓A ✓A Hire-purchase / online credit (Mobicred) / Cash price. **OR/*OF*** *Huurkoop / aanlyn krediet (Mobicred) / Kontant prys.* (Any two/*Enige twee*)	1A first method 1A second method (2)	F L1
* 1.1.2	You buy the generator at a monthly installment. Only after your final installment you own the generator. *Jy koop die generator teen 'n maandelikse paaiement.* *Slegs na die laaste paaiement het jy die generator* ✓✓A *gekoop.*	2A correct explanation (2)	F L1
1.1.3	14,75% ✓✓RT	2RT correct percentage (2)	F L1
1.1.4	Total cost / *totale koste* ✓MA R1 006 × 12 = R12 072 ✓A	1MA multiply by 12 1A simplification (2)	F L1

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Q/*V*	Solution/*Oplossing*	Explanation/*Verduideliking*	T&L
1.1.5	Discount / *afslag* $= R10\,999 \times \frac{12,5}{100}$ ✓MA = R1 374,88 ✓A	1MA calculating 12,5% 1A amount discount Accept: R1 374,90 **OR** R1 375 (2)	F L1
1.1.6	Simple Interest / *Enkelvoudige rente* ✓✓A	2A simple interest (2)	F L1
* 1.2.1	Ascending order / *Stygende orde* ✓RT –17,4%; – 6,7%; – 1,1%; 10,1%; 42,7%; 90,1%; 122,2% ✓A	1RT correct values 1A ascending order (2)	D L1
* 1.2.2	Sport skirt / *Sport rompie* ✓✓RT	2RT correct item (2)	D L1
1.2.3	Difference / *Verskil* = R171,00 – R89,95 ✓MA = R81,05 ✓A	1MA subtracting correct values 1A difference (2)	F L1
1.2.4	Total cost / *totale koste* = R267,92 + R214,17 + R248,70 + R267,78 + R87,75 + R48,58 + R89,95 ✓MA = R1 224,85 ✓CA	1MA adding correct values 1CA simplification CA only if 1 value omitted (2)	F L1
* 1.2.5	Shinpads / *Skeenskud* **OR/*OF*** ✓✓A Hockey shoes / *Hokkieskoene*. (*Any hockey related equipment*)	2A correct item (2)	D L1

Q/*V*	**Solution/*Oplossing***	**Explanation/*Verduideliking***	**T&L**
* 1.3.1 (a)	EC / *OK* ✓✓RT	2RT correct province (2)	D L1
* 1.3.1 (b)	WC / *WK* ✓✓RT	2RT correct province (2)	D L1
1.3.2	No province / *Geen provinsie* **OR/*OF*** ✓✓A No Mode / *Geen Modus*	2A correct solution (2)	D L1
* 1.3.3	Number of unemployed people / *Aantal werklose mense* ✓RT = 35,6% × 918 000 ✓MA = 326 808 ✓CA	1RT correct % 1MA calculating percentage 1CA simplification (3)	D L1
		[31]	

QUESTION/*VRAAG* 2 [33 MARKS/*PUNTE*]			
Q/*V*	**Solution/*Oplossing***	**Explanation/*Verduideliking***	**T&L**
* 2.1.1	125 Bossie Street, Upington ✓✓RT	2RT correct address (2)	F L1
2.1.2	Excluding VAT / *BTW uitgesluit* ✓RT $= R900 \times \frac{100}{115}$ ✓MA = R782,6086957 = R782,61 ✓A **OR/*OF*** ✓RT $= \frac{R900}{1,15}$ ✓MA = R782,6086957 = R782,61 ✓A **OR/*OF*** VAT / *BTW* ✓RT = R900 × (15 ÷ 115) = R117,39 ✓A Excluding VAT / *BTW uitgesluit* = R900 – R117,39 = R782,61 ✓A	1RT correct accommodation 1MA excluding calculation 1A simplification **OR / *OF*** 1RT correct accommodation 1MA excluding calculation 1A simplification **OR / *OF*** 1RT correct accommodation 1A vat amount 1A simplification (3)	F L2
2.1.3	✓MA **C** = R75 040,00 – (R28 800+ R5 760 + R6 480) = R34 000 ✓CA **OR / *OF*** **C** = R850 × 2 × 20 ✓MA = R34 000 ✓CA	1MA correct values used 1CA simplification **OR / *OF*** 1MA multiply correct values 1CA simplification (2)	F L1

Q/*V*	Solution/*Oplossing*	Explanation/*Verduideliking*	T&L
* 2.1.4	Number of guests in 4-bed rooms / *Aantal gaste in 'n 4-bed-kamers* = R34 000 ÷ (2 × 850) ✓MCA = 20 ✓CA Number of guests in 2-bed rooms *Aantal gaste in 'n 2-bed-kamers* = R28 800 ÷ (2 × 900) ✓MCA = 16 ✓CA Ratio/*Verhouding* = 16 : 20 ✓MCA = 4 : 5 ✓CA **OR / *OF*** Number of guests in 2-bed rooms *Aantal gaste in 'n 2-bed-kamers* = R28 800 ÷ (2 × 900) ✓MA = 16 ✓CA Number of guest in 4-bed rooms *Aantal gaste in 'n 4-bed-kamers* ✓MCA = 36 – 16 = 20 ✓CA Ratio/*Verhouding* = 16 : 20 ✓MCA = 4 : 5 ✓CA **OR / *OF*** ✓MA ✓MA $= \frac{R28\,800}{900} : \frac{R34\,000}{850}$ ✓MA ✓A Ratio/*Verhouding* = 32 : 40 ✓MCA = 4 : 5 ✓CA	**CA from Question 2.1.3** 1MCA dividing and multiplying 1CA simplification 1MCA dividing and multiplying 1CA number of guest in 2-bed accommodation 1MCA ratio in correct order 1CA simplification **OR / *OF*** 1MA dividing and multiplying 1CA simplification 1MCA subtracting 1CA number of guest in 2-bed accommodation 1MCA ratio in correct order 1CA simplification **OR / *OF*** 1MA left ratio 1MA right ratio 1MA concept of ratio 1A correct value 1MCA ratio in correct order 1CA simplification (6)	F L3

Q/*V*	Solution/*Oplossing*	Explanation/*Verduideliking*	T&L
2.1.5	Cost of one guest in 2-bed room/ *Koste van een gas in 'n 2-bed-kamer* = 2 × R900 = R1 800 ✓A	1A total accommodation	F L4
	Refund for cancelling before check-in time/ *Terugbetaling vir kanselasie voor inteken tyd* $= \frac{75}{100} \times$ R1 800 ✓MCA = R1 350 ✓CA	1MCA calculating 75% 1CA simplification	
	Refund for cancelling after check-in time/ *Terugbetaling vir kanselasie na inteken tyd* $\frac{25}{100} \times$ R1 800 = R450 ✓CA	1CA second accommodation refund	
	Refund for meals/*Terugbetaling vir etes* = 4 × R80 + 4 × R90 = R680 ✓A	1A meal refund	
	Total Refund/ *Totale Terugbetaling* = R450 + R1 350 + R680 = R2 480 ✓CA	1CA total refund	
	Statement is CORRECT/*Stelling is KORREK* ✓O **OR / *OF***	1O conclusion **OR / *OF***	

Q/*V*	Solution/*Oplossing*	Explanation/*Verduideliking*	T&L
2.1.5	First Person / *Eerste person* Total cost of room / *Totale koste van kamer* = 2 × R900 = R1 800 ✓A	1A total accommodation	
	Refund for accommodation / *Terugbetaling van akkomodasie* = R1 800 × 25% = R450 ✓MCA	1MCA calculating 25%	
	Total refund / *Totale terugbetaling* = R450 + 2 (R80,00 + R90) = R790 ✓CA	1CA simplification	
	Second Person / *Tweede Persoon* Total cost of room / *Totale koste van kamer* = 2 × R900 = R1 800		
	Refund for accommodation / *Terugbetaling vir akkomodasie* = R1 800 × 75% = R1 350		
	Total refund / *Totale terugbetaling* = R1 350 + 2 (R80,00 + R90) ✓A = R1 690 ✓CA	1A total meals 1CA total refund	
	Total refund for both people / *Totale terugbetaling vir beide persone* = R1 690 + R790 = R2 480 ✓CA	1CA total refund for 2 people	
	Statement is CORRECT / *Stelling is KORREK.* ✓O	1O conclusion (7)	
* 2.2.1	Cost to fix the vehicle / *Koste om voertuig reg te maak* = R50 000 + R22 000 + R3 682,50 + R450 ✓MA = R76 132,50 ✓CA	1MA adding all values 1CA correct answer **AO** (2)	F L1

Q/*V*	Solution/*Oplossing*	Explanation/*Verduideliking*	T&L
2.2.2	Selling price / *verkoopprys* $= \frac{65}{100} \times$ R145 900 ✓MA = R94 835 ✓A = R94 835 – R76 132,50 ✓MCA = R18 702,50 ✓CA Not VALID / *Nie GELDIG nie* ✓O	**CA from Question 2.2.1** 1MA percentage calculation 1A correct answer 1MCA subtracting values 1CA simplification 1O conclusion (5)	F L4
2.2.3	Interest / *rente* = R15 000 × 6,25% = R937,50 ✓A Amount after one year / *bedrag na een jaar* = R15 000 + R937,50✓MA = R15 937,50 ✓CA Interest for second year/ *rente vir tweede jaar* = R15 937,50 × 6,95% = R1 107,66 ✓CA Amount after two years /*bedrag na twee jaar* = R15 937,50 + R1 107,66 = R17 045,16 Interest after two years /*rente na twee jaar* = R17 045,16 – R15 000 ✓MCA = R2 045,16 ✓CA **OR / *OF*** Interest / *rente* = R15 000 × 6,25% = R937,50✓A Amount after one year / *bedrag na een jaar* = R15 000 + R937,50 ✓MA = R15 937,50 ✓CA Interest for second year / r*ente vir tweede jaar* = R15 937,50 × 6,95% = R1 107,66 ✓CA Interest after two years / r*ente na twee jaar* = R937,50 + R1 107,66 ✓MCA = R2 045,16 ✓CA **OR / *OF***	 1A interest 1MA adding interest 1CA Simplification 1CA simplification 1MCA subtracting values 1CA simplification **OR / *OF*** 1A interest 1MA adding interest 1CA Simplification 1CA simplification 1MCA adding values 1CA simplification **OR / *OF***	F L3

Q/*V*	Solution/*Oplossing*	Explanation/*Verduideliking*	T&L
2.2.3	Amount after two years / b*edrag na twee jaar* ✓MA ✓MA = R15 000 × 1,0625 × 1,0695 ✓MA = R17 045,16 ✓CA Interest after two years / r*ente na twee jaar* = R17 045,16 – R15 000 ✓MCA = R2 045,16 ✓CA	1MA adding percentage year 1 1MA adding percentage year 2 1MA multiplying year 1 & 2 1CA simplification 1MCA subtracting values 1CA simplification (6)	
		[33]	

QUESTION/*VRAAG* 3 [25 MARKS/*PUNTE*]			
Q/*V*	**Solution/*Oplossing***	**Explanation/*Verduideliking***	**T&L**
3.1.1	537 ✓✓RT	2RT correct value (2)	D L1
* 3.1.2	✓RT Difference/*Verskil* = 2 163 – 2 828 = – 665 ✓CA	1RT correct values chosen 1CA simplification (2)	D L1
3.1.3	% employees with disabilities / *werkers met gestremdhede* ✓RT $= \frac{34}{2\,163} \times 100\%$ ✓MCA = 1,572% ✓CA	**CA from Question 3.1.2** 1RT correct values chosen 1MCA calculate % 1CA simplification Accept: 1,6% and 1,57% (3)	D L2
3.1.4	% employees at head-office/ *% werkers by hoofkantoor* = 1,5% × 2 163 = 32,445 ✓A Number of employees in motor dealerships *Aantal werkers in motorhandelaar* = 2 163 – 32,445 ✓MCA = 2 130,555 ✓CA Average per dealership/*gemiddelde per motorhandelaar* = 2 130,555 ÷ 41 ✓MCA = 51,9647… ✓CA **OR / *OF*** % employees at head-office/ *% werkers by hoofkantoor* = 100% − 1,5% = 98,5% ✓A	**CA from Question 3.1.2** 1A employees at head office 1MCA subtracting 1CA employees at branches 1MCA average concept 1CA simplification **OR / *OF*** 1A employees at head office	D L3

Q/*V*	**Solution/*Oplossing***	**Explanation/*Verduideliking***	**T&L**
3.1.4	Number of employees in motor dealerships *Aantal werkers in motorhanelaar* = 98,5% × 2 163 ✓MCA = 2 130,555 ✓CA Average per dealership/*gemiddelde per motorhandelaar* = 2 130,555 ÷ 41 ✓MCA = 51,9647 ✓CA	1MCA multiplying 1CA employees at branches 1MCA average concept 1CA simplification **NPR** Accept: 51,96 / 51,97 / 52 / 51 (5)	
3.1.5	% coloured females / *% bruin vroue* ✓RT $= \frac{54}{2\,163} \times 100\%$ ✓MA = 2,497% ✓R	**CA from Question 3.1.2** 1RT correct values 1MA probability concept 1R rounded answer (3)	P L2
3.2.1 (a)	Lower Quartile / *Onderste kwartiel* = 21 ✓✓RT	2RT finding correct value Accept: above 20 − less than 22 (2)	D L2
3.2.1 (b)	75th percentile / *75ste persentiel* = 28,2 ✓✓RT	2RT finding correct value Accept: above 28 − 29 (2)	D L2
3.2.1 (c)	Median / *Mediaan* = 31,5 ✓✓RT	2RT finding correct value Accept: 30,5 − 32,5 (2)	D L2

Q/*V*	Solution/*Oplossing*	Explanation/*Verduideliking*	T&L
3.2.2	50% of all the provinces had an unemployment rate of higher than 31,75% / ✓✓O *50% van al die provinsies het 'n werkloosheidkoers van hoër as 31,75%* **OR / *OF*** The median of the data is the highest in 2021. ✓✓O *Die mediaan van die data is die hoogste in 2021.* **OR / *OF*** The maximum value is the highest in 2021. *Die maksimum waarde is die hoogste in 2021.* ✓✓O **OR / *OF*** The box and whisker indicates a higher unemployment rate / *Die mond-en-snordiagram dui 'n hoër werkloosheidskoers aan.* ✓✓O **OR / *OF*** Q3 is higher in 2021 than in 2020 and 2019. *K3 is hoër in 2021 as in 2020 en 2019.* ✓✓O (Any two reasons / *Enige 2 redes*)	2O first explanation 2O second explanation (4)	D L4
		[25]	

QUESTION/*VRAAG* 4 [29 MARKS/*PUNTE*]			
Q/*V*	**Solution/*Oplossing***	**Explanation/*Verduideliking***	**T&L**
4.1.1	Banks are discouraging clients to go to the branch to reduce the number of people visiting the bank / *Banke ontmoeding kliente om binne die bank transakies te doen om die aantal mense binne die bank te verminder.* ✓✓A **OR / *OF*** Banks have to pay employees working in the bank / *Banke moet werkers betaal om in die bank te werk.* ✓✓A **OR / *OF*** To reduce the wage bill / *Om die loonrekening te verminder.* ✓✓A	2A explanation (2)	F L4
4.1.2	Difference in cost / *Verskil in koste* = R5,00 – R1,50 ✓RT = R3,50 ✓A	1RT correct values 1A simplification (2)	F L2
4.1.3	Nedbank: Pay-as-you-use / *Betaal-soos-jy-gebruik* Transaction cost / *Transaksiekoste* ✓A ✓A ✓SF ✓A = 2 × R5,00 + 2 × R9,00 + R11 + 5 × R2,30 + R15 = R65,50 ✓CA Difference / *Verskil* = R65,50 – R45,00 = R20,50 ✓CA His statement is VALID / *Sy bewering is GELDIG.* ✓O	1A debit order fees 1A cash withdrawal own ATM 1SF correct formula 1A cash send cost 1CA simplification 1CA subtracting 1O valid (7)	F L4

Q/*V*	Solution/*Oplossing*	Explanation/*Verduideliking*	T&L
* 4.2.1	Annual tax payable before primary rebate/ *Jaarlikse belasting betaalbaar voor primêre korting* = R87 329 × 18% ✓MA = R15 719,22 ✓CA Annual tax payable after primary rebate/ *Jaarlikse belasting betaalbaar na primêre korting* = R15 719,22 – R15 714 ✓MCA = R5,22 ✓CA	1MA correct tax bracket 1CA simplification 1MCA subtracting primary rebate 1CA simplification (4)	F L3
4.2.2	The discount SARS gives to tax payers / *Die korting wat SARS vir belasting betalers gee.* **OR / *OF*** ✓✓O Rebate is a tax relief given to tax payers / *Korting is* die belasting verligting wat aan belasting betalers gege*e word.*	2O tax discount (2)	F L1
4.2.3	✓RT ✓RT R15 714 + R8 613 ✓MA = R24 327 ✓MCA R24 327 ÷ 18% ✓MCA = R135 150 **OR / *OF*** = R135 150 × 18% ✓MA = R24 327 ✓MCA ✓RT ✓RT = R24 327 – (R15 714 + R8 613) ✓MA = R0	1RT correct value 1RT correct value 1MA adding correct values 1MCA simplification 1MCA dividing by 18% **OR / *OF*** 1MA calculating 18% 1MCA simplification 1RT correct value 1RT correct value 1MA subtracting correct values (5)	F L3

Q/*V*	Solution/*Oplossing*	Explanation/*Verduideliking*	T&L
* 4.3.1	Compound / dual / multiple / stacked bar graph ✓✓A *Saamgestelde/dubbel / veelvoudige /gestapelde staafgrafiek* **OR / *OF*** Line Graph / *Lyngrafiek* ✓✓A	2A graph (2)	D L1
4.3.2	**D** = 100% – (40% + 5% + 30% + 5% + 5%) ✓MA = 15% ✓CA	1MA subtracting from 100% 1CA simplification (2)	D L1
4.3.3	$P_{(not\ savings)}$ = 100% – 15% ✓RT = 85% ✓CA = 0,85 ✓C **OR / *OF*** $P_{(not\ savings)}$ = 30% + 15% + 10% + 10% + 20% ✓RT = 85% ✓CA = 0,85 ✓C	1RT correct percentages 1CA simplification 1C converting to decimal **OR / *OF*** 1RT correct percentages 1CA simplification 1C converting to decimal (3)	P L2
		[29]	

QUESTION/*VRAAG* 5 [32 MARKS/*PUNTE*]			
Q/*V*	**Solution/*Oplossing***	**Explanation/*Verduideliking***	**T&L**
5.1.1	Cottonseed / *Katoensaad* ✓✓RT	2RT reading from graph (2)	D L2
5.1.2	Coffee contribution / *koffie bydrae* ✓RT $= \frac{8{,}92}{100} \times \$110\,322$ million / miljoen ✓MA = \$9 840,7224 million / *miljoen* / \$9 840 722 400 ✓CA	1RT reading from graph 1MA multiplying with total amount 1CA simplification (3)	F L2
5.1.3	0 **OR** 0% **OR** Impossible / *Onmoontlik* ✓✓A	2A correct probability (2)	P L2
* 5.1.4	✓RT 25,98% = 32 201 billion / *miljard* Total amount / *totale bedrag* $= \frac{100}{25{,}98} \times \$32\,201$ billion / miljard ✓MA = \$123 945 billion / *miljard* ✓CA Amount for corn ✓RT $= \frac{11{,}91}{100} \times \$123\,945$ billion / miljard = \$14 761,890300 billion / *miljard* ✓CA **OR / *OF*** ✓RT 25,98% = \$32 201 billion / *miljard* ✓MA ✓RT 11,91% = ? 25,98% × ? = \$383 513,91 billion / *miljard* ✓MA ? = \$14 761,89 billion / *miljard* Amount for corn = \$14 761,89 billion / *miljard* ✓CA **OR / *OF***	1RT correct percentage 1MA working with correct % 1CA simplification 1RT correct % 1CA simplification **OR / *OF*** 1RT correct percentage 1MA concept of ratio 1RT correct percentage 1MA calculating total amount 1CA simplification **OR / *OF***	F L2

Q/*V*	Solution/*Oplossing*	Explanation/*Verduideliking*	T&L
5.1.4	✓RT 25,98% = 32 201 billion / *miljard* Total amount / *totale bedrag* ✓RT ✓MCA 11,91% = $\frac{11,91}{25,98}$ × $32 201billion / miljard ✓MA = $14 761,890300 billion / *miljard* ✓CA	1RT correct percentage 1RT correct percentage 1MCA correct ratio 1MA calculating total amount 1CA simplification (5)	
5.1.5	% contribution of bananas / *% bydrae van piesangs* $11,15 = \frac{25,98+16,60+11,91+9,33+6,22+B+3,95}{7}$ ✓MA ✓MA $11,15 = \frac{73,99+B}{7}$ 78,05 = 73,99 + **B** ✓S **B** = 78,05 – 73,99 ✓MCA **B** = 4,06 ✓CA **OR / *OF*** ✓MA 25,98 +16,60 +11,91 +9,33 +6,22 +**B** +3,95 =11,15 × 7 ✓MA 73,99 + **B** = 78,05 ✓S **B** = 78,05 – 73,99 ✓MCA **B** = 4,06 ✓CA	 1MA concept of mean 1MA adding values – *73,99* 1S simplification 1MCA changing the subject 1CA simplification **OR / *OF*** 1MA concept of mean 1MA adding values – *73,99* 1S simplification 1MCA changing the subject 1CA simplification (5)	D L3
5.1.6	118 405 000 000 US$/*VS$*. ✓✓A	2A correct number (2)	D L1
5.2.1	Japan ✓✓RT	2RT correct country (2)	F L2
* 5.2.2	ZAR **OR/*OF*** South African Rand / *Suid Afrikaanse Rand* **OR/*OF*** Rand ✓✓RT	2RT correct currency (2)	F L2

Q/*V*	**Solution/*Oplossing***	**Explanation/*Verduideliking***	**T&L**
5.2.3	€ 1 = BRL 5,2379 ✓RT = 5,2379 × R3,2026 ✓MCA = R16,77489 / R16,7749 / R16,77 / R16,775 ✓CA	1RT correct rate 1MCA multiplying correct values 1CA simplification **NPR** *(min 2 decimal places)* **AO** (3)	F L2
5.2.4	Difference / *Verskil* (in US$/*VS$*) ✓A = 29,72 billion/*miljard* – 21,62 billion/*miljard* = 8,1 billion / *miljard* ✓CA Difference / *Verskil (in BRL)* = 8,1 billion/*miljard* × 4,9642 ✓MCA = 40,21002 billion / *miljard* ✓CA Difference / *Verskil* (in €) = 40,21002 ÷ 5,2379 = 7,676744497 billion / *miljard* = 7 676,744497 million / *miljoen* ✓CA His statement is VALID / *Sy bewering is GELDIG.* ✓O	1A difference in US$ 1CA simplification 1MCA multiplying by correct exchange rate 1CA simplification 1CA answer in millions 1O conclusion **NPR** (6)	F L4
		[32]	
		TOTAL/*TOTAAL*: 150	

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