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NATIONAL SENIOR CERTIFICATE *NASIONALE SENIOR SERTIFIKAAT*

GRADE/GRAAD 12

**MATHEMATICAL LITERACY P1/
*WISKUNDIGE GELETTERDHEID VI***

SEPTEMBER 2023

MARKING GUIDELINES/NASIENRIGLYNE

MARKS/PUNTE: 150

Symbol/Kode	Explanation/Verduideliking
M	Method/Metode
MA	Method with accuracy/Metode met akkuraatheid
MCA	Method with consistent accuracy/Metode met volgehoue 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
RCA	Rounding consistent with accuracy/ Afronding met volgehoue akkuraatheid
NPU	No penalty for omitting unit, but wrong unit is penalised/ Geen penalisasie indien die eenheid uitgelos is, maar wel indien 'n verkeerde eenheid gebruik word

**These marking guidelines consist of 13 pages.
*Hierdie nasienriglyne bestaan uit 13 bladsye.***



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.
- NOTE: consistent accuracy (CA) does not apply in cases of a breakdown.
- If the candidate presents any extra solution when reading from a graph, table, layout plan and map, then penalise for every extra item presented.
- As a general marking principle, if a candidate has incurred one mistake and there is evidence of sound mathematics thereafter, then that candidate should lose one mark only.
- Rounding is an independent mark.
- In opinion type questions marks will only be awarded if relevant calculations are shown.

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.
- LET WEL: volgehoue akkuraatheid (CA) geld nie in die geval van 'n afbreek nie.
- Wanneer 'n kandidaat aflesings vanaf 'n grafiek, tabel, uitlegplan en kaart geneem en ekstra antwoorde gee, penaliseer vir elke ekstra item.
- 'n Algemene nasien beginsel is dat indien 'n kandidaat een fout maak en daarna voortgaan met korrekte wiskunde, dat die kandidaat slegs een punt verloor.
- Afronding tel as 'n afsonderlike punt.
- In opinie tipe vrae sal punte slegs toegeken word indien relevante berekeninge aangetoon is.

Note: Questions marked with *refers to notes/Vrae gemerk met*, vewys na die notas.

Questions where the numbers are encircled are the ones where we have a tolerance range.

Vrae waar die nommer omkring is, is waar ons 'n toleransie omvang het.

QUESTION/VRAAG 1 [29 MARKS/PUNTE] ANSWER ONLY FULL MARKS			
Q/V	Solution/Oplissing	Explanation/Verduideliking	T&L
1.1.1	✓MA $30 \times 2 = 60$ ✓A	1MA correct value multiplied by 2 1A number of eggs (2)	F L1
1.1.2	Baked, poached, boiled, scrambled eggs ✓✓A Gebak, posjeer, gekook, roereier	2A any two correct/enige twee (2)	F L1
1.1.3	✓MA $R14,99 \times 2$ $= R29,98$ ✓A	1MA multiplying correct value by 2 1A correct amount/korrekte bedrag (2)	F L1
1.1.4	✓MA $R34,99 \div 18$ $= R1,94$ ✓A	1CA dividing R34,99 with 18/deling 1A unit cost per egg/eenheidskoste per eier (2)	F L1

1.1.5	\checkmark MA $R64,99 \times 22\%$ $= R14,2978$ \checkmark MCA $R64,99 - R14,2978$ $= R50,69$ \checkmark CA OR/OF $100\% - 22\% = 78\%$ \checkmark MA $R64,99 \times 78\%$ \checkmark MCA $= R50,69$ \checkmark CA	1MA multiplying correct value with 22% 1MCA adding answer to original amount 1CA price for egg tray 1MA subtracting 22% from 100% 1MCA multiplying amount with 78% 1CA price for egg tray (3)	F L1
1.1.6	\checkmark MA 360×8 boxes/bokse $= 2\,880$ eggs/eiers \checkmark MCA \checkmark CA $2\,880 \times 4 = 11\,520$ eggs/eiers	1MA multiply 360 by 8 1MCA multiply answer by 4 weeks 1CA correct number of eggs (3)	F L1
1.1.7	\checkmark CA $11\,520 \div 60$ $= 192$ eggs/eiers $192 \times R95,50$ \checkmark MCA $= R18\,336$ \checkmark CA	CA from 1.1.6 1CA divide by 60 1MCA multiply with R95,50 1CA amount paid/bedrag betaal (3)	F L1
1.2.1	\checkmark RT 19 800 million; 20 100 million; 43 800 million; 44 500 million; 56 900 million; 57 200 million; 111 600 million; 112 100 million; 114 400 million; 596 500 million \checkmark A	1RT correct values/korrekte waarde 1A ascending order/stygende orde (2)	D L1
1.2.2	Fifty-Six Billion Nine Hundred Million $\checkmark\checkmark$ A <i>Ses en vyftig biljoen, nege honderd miljoen.</i>	2A correct wording/korrekte bewoording (2)	D L1
1.2.3	Japan $\checkmark\checkmark$ A	2A correct country/korrekte land (2)	D L1
1.2.4	\checkmark RT \checkmark MA $596\,500$ million – $114\,400$ million $= 482\,100$ million \checkmark A	1RT correct values 1MA subtracting correct values/aftrekking van korrekte waarde 1A number of eggs (3)	D L1
1.2.5	$19\,800$ million : $57\,200$ million \checkmark A \checkmark A \checkmark A $9 : 26$	1RT correct values in correct order 1A correct simplification 1A written in correct ratio(3)	D L1
		[29]	

QUESTION/VRAAG 2 [30 MARKS/PUNTE]			
Q/V	Solution/Oplossing	Explanation/Verduideliking	T&L
2.1.1	$R1\ 508,62 \div 100$ ✓MA $= R15,09$ ✓A	1MA conversion/herlei 1A answer in rand/antwoord in rand (2)	F L1
2.1.2	Cost for diesel/Dieselmaste $7 \times 3 = 21$ ✓MA $21 \times 2540,44$ ✓MA $= 53\ 349,24\ \text{c/l}$ ✓A	1MA multiply 7 litres with 3 1MA multiply answer with correct value 1CA correct cost/korrekte maste (3)	F L2
2.1.3	Coastal/Kus - 2021 % Difference/Verskil $= \frac{\text{New} - \text{Old}}{\text{Old}} \times 100\%$ $= \frac{1667 - 1416}{1416} \times 100\%$ ✓RT $= 17,726\%$ ✓A Coastal/Kus - 2022 % Difference/Verskil $= \frac{\text{New} - \text{Old}}{\text{Old}} \times 100\%$ $= \frac{2609 - 1889}{1889} \times 100\%$ ✓RT $= 38,115\%$ ✓A $\therefore 38,115\% - 17,726\%$ ✓MCA $= 20,389\%$ ✓CA Yes, her statement is correct ✓O Ja, haar stelling is korrek	1RT substituting correct values/vervanging van korrekte waardes 1A simplification/vereenvoudig 1RT substituting correct values 1A simplification/vereenvoudig MCA subtracting correct percentages 1CA percentage difference 1O correct conclusion (7)	F L4

Q/V	Solution/Oplissing	Explanation/Verduideliking	T&L
2.2.1	<p>Hire purchase ✓✓O</p> <p>A system by which someone pays for a thing/goods in regular instalments while having the use of it.</p> <p><i>Huurkoop</i></p> <p><i>'n Sisteem waar iemand betaal vir iets/goedere in gereelde paaielemente terwyl hulle die gebruik het daarvan.</i></p> <p>OR/OF</p> <p>You have the goods and then you pay an agreed amount by installments until it is paid off.</p> <p><i>Jy het die gebruik van goedere en betaal 'n vasgestelde bedrag in paaielemente totdat dit afbetaal is.</i> ✓✓O</p>	<p>2A Explanation of hire purchase/verduidelik huurkoop</p> <p>(2)</p>	F L1
2.2.2	<p>✓RT</p> <p>$R326\,395 \div 1,15$ ✓MA</p> <p>$= R283\,821,74$ ✓A</p> <p>OR/OF</p> <p>✓RT</p> <p>$R326\,395 \times \frac{100}{115}$ ✓MA</p> <p>$= R283\,821,74$ ✓A</p>	<p>1RT correct value</p> <p>1MA dividing with 1,15</p> <p>1A amount VAT excluded</p> <p>1RT correct value</p> <p>1MA multiplying with $\frac{100}{115}$</p> <p>1A amount VAT excluded</p> <p>(3)</p>	F L2
2.2.3	<p>Cash amount/<i>Kontant bedrag</i></p> <p>$100\% - 13,5\% = 86,5\%$ ✓MA</p> <p>$R326\,395 \times 86,5\%$ ✓MA</p> <p>$= R282\,331,675$ ✓A</p> <p>$R282\,331,675 + R35\,000,00$ ✓MCA</p> <p>$= R317\,331,68$ ✓CA</p> <p>OR/OF</p> <p>Cash amount/<i>Kontant bedrag</i></p> <p>$R326\,395 \times 13,5\%$ ✓MA</p> <p>$= R44\,063,325$ ✓CA</p> <p>$R326\,395 - R44\,063,325$ ✓MCA</p> <p>$R282\,331,675 + R35\,000,00$ ✓MA</p> <p>$= R317\,331,68$ ✓CA</p>	<p>1MA subtracting 13,5 % from 100%</p> <p>1MCA multiplying correct amount by 86,5%</p> <p>1CA answer</p> <p>1MA adding R35 000</p> <p>1CA correct cash amount/<i>korrekte kontant bedrag</i></p> <p>1MA multiplying correct value by 13,5 %</p> <p>1A answer</p> <p>1MCA answer</p> <p>1MA adding R35 000</p> <p>1CA correct cash amount/<i>korrekte kontant bedrag</i> (5)</p>	F L2

Q/V	Solution/Oplissing	Explanation/Verduideliking	T&L
2.2.4	<p>Amount saved/<i>Bedrag gespaar</i></p> <p>$R326\,395 \times 10\% \checkmark \text{MA}$</p> <p>$= R32\,639,50 \checkmark \text{A}$</p> <p>$R17\,031,70 \times 24 \checkmark \text{MA}$</p> <p>$= R408\,760,80 \checkmark \text{S}$</p> <p>$R408\,760,80 + R32\,639,50 \checkmark \text{MCA}$</p> <p>$= R441\,400,30 \checkmark \text{CA}$</p> <p>$R441\,400,30 - R317\,331,68 \checkmark \text{MCA}$</p> <p>$= R124\,068,62 \checkmark \text{CA}$</p>	<p>CA from Q2.2.3</p> <p>1MA multiply cash price by 10%</p> <p>1A correct amount</p> <p>1MA multiply by 24 months</p> <p>1S simplification</p> <p>1MCA adding the deposit to monthly instalments</p> <p>1 CA simplification</p> <p>1MCA subtracting cash amount</p> <p>1CA amount saved</p> <p>(8)</p>	F L3
		[30]	

QUESTION/VRAAG 3 [29 MARKS/PUNTE]			
Q/V	Solution/Oplossing	Explanation/Verduideliking	T&L
3.1	Discreet/Diskreet ✓✓A	2A discreet (2)	D L1
3.2	The value that appears the most/Die waarde wat die meeste voorkom. ✓✓A	2A explanation/verduideliking (2)	D L1
3.3	Up/Opdraende ✓MA $11\,189 + 19\,591 + 19\,907 + 22\,402 + 41\,494 + 24\,594$ $= 119\,177$ entries/inskrywings ✓A Down/Afdraende $12\,952 + 23\,567 + 19\,545 + 20\,104 + 21\,569 + 21\,272$ $= 119\,009$ entries/inskrywings ✓A $119\,177 - 119\,009$ $= 168$ entries/inskrywings ✓CA The UP race had 168 more entries Die opdraende resies het 168 meer inskrywings	1MA adding correct values 1A total entries up 1A total entries down 1CA difference in entries (4)	D L3
3.4	1 412; 1 749; 1 763; 1 961; 2 184; 2 334; 2 440; 2 504; 2 700; 2 959; 3 055; 3 128; 3 372 ✓RT Median/Mediaan - 2 440 ✓CA	1RT correct values 1A ascending order/stygende orde 1CA correct median (3)	D L2
3.5	Range = Highest value – Lowest value $7\,856 = A - 8\,626$ ✓MA $7\,856 + 8\,626 = A$ ✓MA $A = 16\,482$ ✓A OR/OF $A = 13\,110 + 3\,372$ ✓MA $= 16\,482$ ✓RT ✓A	1MA substitution into formula 1MA simplifying 1A correct highest value 1RT correct values 1MA adding correct values 1A correct highest value (3)	D L2

Q/V	Solution/Oplossing	Explanation/Verduideliking	T&L
3.6	$\text{Mean} = \frac{\text{sum of all the values}}{\text{number of values}} \quad \checkmark \text{MA}$ $= \frac{11\,147 + 10\,330 + 11\,345 + 16\,482 + 12\,648 + 16\,613 + 18\,578 + 14\,693 + 16\,517 + 16\,807 + 17\,031 + 19\,047 + 19\,078}{13}$ $= \frac{200\,316}{13} \quad \checkmark \text{MA}$ $= 15\,408,92308 \quad \checkmark \text{CA}$ $\therefore = 15\,409 \text{ athletes/atlete} \quad \checkmark \text{A}$	<p>1MA adding correct values/ tel korrekte waarde op</p> <p>1MA concept of mean dividing by 13</p> <p>1CA correct answer</p> <p>1CA correct rounded answer (4)</p>	D L2
3.7	<p>Percentage athletes that did not finish/<i>Persentasie atlete wat nie klaar gemaak het nie.</i></p> $= \frac{19\,078}{24\,594} \times 100 \quad \checkmark \text{MA}$ $= 77,57\% \quad \checkmark \text{A}$ $100\% - 77,57\% \quad \checkmark \text{MA}$ $= 22,428\%$ $\approx 22,43\% \quad \checkmark \text{CA}$ <p style="text-align: center;">OR/OF</p> $24\,594 - 19\,078$ $= 5\,516 \quad \checkmark \text{A}$ $= \frac{5\,516}{24\,594} \times 100 \quad \checkmark \text{MA}$ $= 22,43\% \quad \checkmark \text{A}$	<p>1MA dividing correct values 1MA percentage calculation</p> <p>1A simplification/ vereenvoudiging</p> <p>1MA subtracting % from 100%</p> <p>1A correct rounded answer/ korrek afgerond</p> <p>1MA subtracting correct values</p> <p>1A correct answer</p> <p>1MA dividing correct values 1MA percentage calculation</p> <p>1A correct rounded answer (5)</p>	D L3
3.8	<p>Some of the athletes did not finish the race due to injuries. Athletes did not finish before the cut off time. <i>Seker atlete het nie klaar gemaak as gevolg van beserings.</i> <i>Atlete het nie voor die afsnytyd klaar gemaak nie.</i></p>	<p>2O correct opinion (2)</p>	D L4
3.9	<p>Probability/<i>Waarskynlikheid</i></p> $\text{Probability} = \frac{2\,184}{11\,054} \times 100 \quad \checkmark \text{MA}$ $= 19,757\% \quad \checkmark \text{A}$ $\approx 19,8\% \quad \checkmark \text{CA}$	<p>1A correct numerator 1A correct denominator 1M percentage calculation</p> <p>1CA simplification (4)</p>	D L2
		[29]	

QUESTION/VRAAG 4 [34 MARKS/PUNTE]			
Q/V	Solution/Oplissing	Explanation/Verduideliking	T&L
4.1.1	Tariff/Tarief ✓✓A It is a service charge that the city charges for the use of service it renders such as water or electricity. <i>Dit is 'n diensfooi wat deur die stad gehef word vir dienste gelewer, bv water en elektrisiteit.</i>	2A explanation/ verduideliking (2)	F L1
4.1.2	41,01R/kl ✓✓A	2A correct tariff (2)	F L1
4.1.3	Total amount/Totale bedrag $150\text{kl} \times 95\% \checkmark \text{MA}$ $= 142,50\text{kl} \checkmark \text{A}$ $\left. \begin{array}{l} 0,00 \times 6 \\ 20,28 \times 4 \\ 21,17 \times 5 \\ 29,68 \times 5 \end{array} \right\} \checkmark \text{MA} = \left. \begin{array}{l} 0,00 \\ 81,12 \\ 105,85 \\ 148,40 \end{array} \right\} \checkmark \text{CA}$ $\left. \begin{array}{l} 41,01 \times 10 \\ 44,86 \times 10 \\ 56,59 \times 10 \end{array} \right\} \checkmark \text{CA} = \left. \begin{array}{l} 410,10 \\ 448,60 \\ 565,90 \end{array} \right\} \checkmark \text{CA}$ $60,65 \times 92,5 = 5\,610,13$ $7\,310,10 \checkmark \text{MCA}$ $\text{R}7\,310,10 + \text{R}28,32 \text{ (fixed cost)} \checkmark \text{MCA}$ $= \text{R}7\,398,42$ $\text{R}7\,398,42 \times 115\%$ $= \text{R}8\,508,18 \checkmark \text{CA}$	1MA multiplying correct kl with 95% 1A number of kl 1MA Multiplying correct values 1CA simplification 1CA simplification 1MCA answer all values added 1MCA adding fixed cost 1CA answer with VAT included (8)	F L3
4.2.1	Medical credit/Mediese krediet $(\text{R}310 + \text{R}310) + \text{R}209 \checkmark \text{MA}$ $\text{R}620 + \text{R}209 \checkmark \text{A}$ $\text{R}829 \times 12 \checkmark \text{MA}$ $= \text{R}9\,948 \checkmark \text{A}$	1MA correct credits 1A simplification 1MA multiplying by 12 1A correct credit (4)	F L2
4.2.2	$\text{R}29\,470 \times 12$ $\text{R}353\,640 \checkmark \text{MA} \quad \checkmark \text{MA}$ $\text{R}70\,352 + 31\% (\text{R}353\,640 - \text{R}337\,800) \checkmark \text{MA}$ $\text{R}70\,352 + 31\% (\text{R}15\,840)$ $\text{R}70\,352 + \text{R}4\,910,40$ $\checkmark \text{A}$ $\left. \begin{array}{l} \text{R}75\,262,40 - \text{R}15\,714 \text{ (rebate)} \\ \text{R}59\,548,40 - \text{R}9\,948 \text{ (medical aid)} \end{array} \right\} \checkmark \text{MA}$ $\text{R}49\,600,40 \checkmark \text{A}$ His statement is incorrect/ Hy is nie korrek nie ✓O	1MA annual taxable amount 1MA substitution annual amount 1MA correct tax bracket 1A simplification 1MA subtracting rebate and medical aid credit 1A answer 1O conclusion (7)	F L4

Q/V	Solution/Oplossing	Explanation/Verduideliking	T&L
4.3.1	$5 + 7 = 12$ ✓MA ✓MA $\frac{5}{12} \times R106\,265 = R44\,227,08 \sim \text{Kally}$ ✓A $\frac{7}{12} \times R106\,265 = R61\,987,92 \sim \text{Kristen}$ ✓A	1MA adding ratios 1MA multiplying amount by ratio 1A correct amount Kally 1A correct amount Kristen (4)	F L2
4.3.2	$Q2 = \frac{210614 + 26\,095}{2}$ $= 23\,856$ ✓A $Q1 = \frac{9\,846 + 13\,506}{2}$ ✓MA $= 11\,676$ ✓A $Q3 = \frac{36\,037 + 41\,524}{2}$ $= 38\,780,50$ ✓A IQR = $Q3 - Q1$ $= 38\,780,50 - 11\,676$ ✓MA $= 27\,104,50$ ✓A Yes, his statement is correct. ✓O <i>Ja, sy stelling is waar.</i>	1MA quartile 2 answer 1MA concept of quartile correct values divided by 2 1A correct quartile 1 1A correct quartile 3 1CA subtracting quartile 1 from 3 1A correct IQR 1O conclusion (7)	D L4
		[34]	

QUESTION/VRAAG 5 [26 MARKS/PUNTE]			
Q/V	Solution/Oplossing	Explanation/Verduideliking	T&L
5.1	Michaelhouse ✓✓A	2A correct school/ <i>korrekte skool</i> (2)	F L2
5.2	Day school fees/Dag skoolfonds R287 558 – R124 632 ✓MA =R162 926 ✓A	1MA subtracting correct values 1A correct school fees (2)	F L1
5.3	Boarding fees/Koshuisgelde ✓RT $\frac{116\,531}{284\,189} \times 100\%$ ✓RT = 41% ✓A	1RT correct numerator 1RT correct denominator 1A correct percentage (3)	F L2
5.4	$\frac{7}{10}$ ✓RT $\frac{7}{10}$ ✓RT = 70% ✓A	1RT correct numerator 1RT correct denominator 1A correct percentage (3)	F L2
5.5	Total school fees per month/Totale skoolgelde per maand R291 000 × 2 = R582 000 ✓MA R582 000 + R303 600 = R885 600 ✓MA R885 600 × 60% ✓MCA = R531 360 ✓CA R885 600 – R531 360 R354 240 ✓CA R354 240 ÷ 10 ✓MCA ✓CA R35 424 per month/per maand OR/OF	1MA multiplying correct value with 2 1MA adding correct value 1MCA multiplying with 60% 1CA correct value 1CA subtracting correct values 1MCA dividing answer by 10 1CA correct school fees per month	F L3

Q/V	Solution/Oplissing	Explanation/Verduideliking	T&L
5.5	<p>Total school fees per month/<i>Totale skoolgelde per maand</i></p> <p>$R291\,000 \times 2 = R582\,000$ ✓MA $R582\,000 + 303\,600$ $= R885\,600$ ✓MA</p> <p>$100\% - 60\% = 40\%$ ✓MCA</p> <p>$40\% \times R885\,600$ ✓MCA $= R354\,240$ ✓CA</p> <p>$R354\,240 \div 10$ ✓MCA $= R35\,424$ per month/<i>per maand</i> ✓CA</p>	<p>1MA multiplying correct value with 2 1MA adding correct value</p> <p>1MCA subtracting 60% from 100% 1MCA multiplying with 40% 1CA correct value</p> <p>1MCA dividing answer by 10 1CA correct school fees per month (7)</p>	
5.6	<p>$R885\,600 \times 60\%$ $= R531\,360$ ✓MA</p> <p>$£27\,500 \times 19,4020$ $R533\,555$ ✓MA</p> <p>$R533\,555 - 531\,360$ ✓MCA $= R2\,195$ ✓CA</p> <p>Yes, R2 195 more than needed <i>Ja, R2 195 is meer as voldoende</i></p>	<p>CA from 5.1.5</p> <p>1MA multiply total amount with 60% 1MA multiply £27 500 with exchange rate</p> <p>1MCA subtract two values from one another</p> <p>1CA correct difference. (4)</p>	F L2
5.7	<p>Interest received after 2 years/<i>Rente ontvang na 2 jaar</i> ✓MA ✓MA</p> <p>$R250\,000 \times 106,25\%$ $= R265\,625$ ✓A</p> <p>$R265\,625 \times 107,25\%$ $= R284\,882,8125$ ✓MCA</p> <p>$R284\,882,8125 - R250\,000$ ✓MCA $= R34\,882,81$ ✓CA</p> <p>No, his estimation is not correct. ✓O</p> <p style="text-align: center;">OR/OF</p>	<p>1MA adding 6,25% to 100% 1MA multiplying correct value with 106,25% 1A correct answer</p> <p>1MCA multiplying answer with new %</p> <p>1MCA subtracting original amount 1CA correct answer/<i>korrekte antwoord</i></p> <p>1O conclusion/<i>samevatting</i></p>	F L4

$R250\,000 \times 6,25\%$ $= R15\,625 \quad \checkmark \text{MA}$ $R250\,000 + R15\,625 \quad \checkmark \text{MA}$ $= R265\,625 \quad \checkmark \text{A}$ $R265\,625 \times 7,25\%$ $= R19\,257,8125$ $R265\,625 + R19\,257,8125$ $= R284\,882,8125 \quad \checkmark \text{MCA}$ $R284\,882,8125 - R250\,000 \quad \checkmark \text{MCA}$ $= R34\,882,81 \quad \checkmark \text{CA}$ No, his estimation is not correct. $\checkmark \text{O}$ <i>Nee, sy bewering is nie korrek nie.</i>	1MA multiplying with 6,25% 1MA adding answer to original amount 1A correct answer/ <i>korrekte antwoord</i> 1MCA multiplying answer with new % and adding 1MCA subtracting original amount 1CA correct answer/ <i>korrekte antwoord</i> 1O conclusion/ <i>samevatting</i> (7)	
		[28]
	TOTAL:	150

