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Department:
Basic Education
REPUBLIC OF SOUTH AFRICA

NATIONAL SENIOR CERTIFICATE **NASIONALE SENIOR SETIFIKAAT**

GRADE/GRAAD 12

**MATHEMATICAL LITERACY P1/
WISKUNDIGE GELETTERDHEID VI**

NOVEMBER 2019

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

This marking guideline consists of 18 pages and 2 pages of notes.
Hierdie nasienriglyne bestaan uit 18 bladsye en 2 bladsye notas.

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.
- The general principle of marking is that if a candidate makes one mistake and there is sound mathematics thereafter, the candidate loses one mark.

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 by die tweede berekeningsfout op.
- Wanneer 'n kandidaat aflesings vanaf 'n grafiek, tabel, uitlegplan en kaart geneem en ekstra antwoorde gee, penaliseer vir elke ekstra item.
- Die algemene beginsel van merk is as 'n leerder een fout maak verloor die leerder een punt.

QUESTION/VRAAG 1 [30 MARKS/PUNTE] AO			
Q/V	Solution/Oplossing	Explanation/Verduideliking	T&L
1.1.1	Numerical data/Numeriese data ✓✓A	2A correct identification (2)	D L1
1.1.2	Modal allowance/Modale toelaag = R1 780 ✓✓A	2A mode (2)	D L1
1.1.3	R1 715; R1 715; R1 695; R1 695; R1 695; R960; R405 ✓✓A	2A descending order <div>Accept the names</div> (2)	D L1
1.1.4	Increase in rand/Verhoging in rand ✓RT R1 780 – R1 695 = R85,00 ✓A	1RT correct 2 values 1A simplification (2)	F L1
1.1.5	Pension allowances older than 75 ✓A Staatsouderdomstoelae ouer as 75 War veteran allowances/Oorlogsveteranetoelae/Toelaes vir oorlogsveterane ✓A	1A correct allowance 1A correct allowance (2)	D L1

Q/V	Solution/ <i>Oplossing</i>	Explanation/ <i>Verduideliking</i>	T&L
1.2.1	<p>1 kg = 1 000 g ? = 400 g</p> <p>∴ Quantity/ <i>massa</i> in kg = $\frac{400\text{g}}{1000}$ ✓MA = 0,4 kg ✓A</p> <p>OR/OF</p> <p>400 g = $\frac{400}{1\,000}$ kg ✓MA = 0,4 kg ✓A</p> <p>OR/OF</p> <p>400 g = 400 × 0,001kg ✓MA = 0,4 kg ✓A</p>	<p>1MA dividing by 1 000 1A amount in kg</p> <p>OR/OF</p> <p>1MA dividing by 1 000 1A amount in kg</p> <p>OR/OF</p> <p>1MA multiply by 0,001 1A amount in kg NPU</p> <p>(2)</p>	M L1
1.2.2	<p>✓RT Profit/<i>Wins</i> = R14,30 – R10,99 ✓M = R3,31 ✓CA</p>	<p>1RT correct values 1M subtracting values 1CA simplification</p> <p>(3)</p>	F L1
1.2.3	<p>Number of packets/<i>Getal pakkies</i></p> <p>2,5 kg × $\frac{1000}{250}$ ✓MA = 10 packets/<i>pakkies</i> ✓CA</p> <p>OR/OF</p> <p>$\frac{2,5\text{kg}}{0,25\text{kg}}$ ✓C = 10 packets ✓CA</p> <p>OR/OF</p> <p>250g : 2,5kg ✓MA 250g : 2500g ✓C 1: 10 = 10 packets ✓CA</p>	<p>1MA multiply by 1 000 1M dividing by 250g 1CA simplification</p> <p>OR/OF</p> <p>1C converting into kg 1M dividing by 0,25 kg 1CA simplification</p> <p>OR/OF</p> <p>1MA ratio concept 1C conversion to same unit 1CA simplification</p> <p>(3)</p>	M L1

Q/V	Solution/ <i>Oplossing</i>	Explanation/ <i>Verduideliking</i>	T&L
1.2.4	<p>Selling price/<i>Verkoopsprys</i></p> $\frac{R29,20}{8} \checkmark \text{MA}$ $= R3,65 \checkmark \text{CA}$ <p>OR/OF</p> $\frac{2 \text{ kg}}{8} = 0,25 \text{ kg}$ $\therefore 2 \text{ kg} = R29,20$ $0,25 \text{ kg} = \frac{0,25 \times R29,20}{2} \checkmark \text{MA}$ $= R3,65 \checkmark \text{CA}$	<p>1MA dividing correct value by 8</p> <p>1CA simplification (only if dividing by 8 or correct value used)</p> <p>OR/OF</p> <p>1MA dividing by 2 AND multiply by 0,25</p> <p>1CA simplification</p> <p>(2)</p>	F L1
1.3.1 (a)	69 OR/OF 69% $\checkmark \checkmark$ A	2A correct value (2)	D L1
1.3.1 (b)	80 OR/OF 80% $\checkmark \checkmark$ A	2A correct value (2)	D L1
1.3.2	<p>Difference/<i>Verskil</i></p> $\checkmark \text{RT}$ $84\% - 64\%$ $= 20\% \checkmark \text{CA}$	<p>1RT both correct values</p> <p>1CA simplification</p> <p>(2)</p>	D L1
1.4.1	<p>16:00 OR/OF four o'clock in the afternoon/<i>vier uur in die middag</i> OR/OF 4 pm</p>	<p>2A correct value</p> <p>(2)</p>	D L1

Q/V	Solution/Oplossing	Explanation/Verduideliking	T&L
1.4.2	Probability/ <i>Waarskynlikheid</i> = 20% OR/OF 0,2 OR/OF $\frac{20}{100}$ OR/OF $\frac{2}{10}$ OR/OF $\frac{1}{5}$ OR/OF unlikely/ <i>onwaarskynlik</i> OR/OF less likely/ <i>minder waarskynlik</i> ✓✓ A	2A correct value/words (2)	P L1
		[30]	

QUESTION/VRAAG 2 [42 MARKS/PUNTE]			
Q/V	Solution/Oplissing	Explanation/Verduideliking	T&L
2.1.1	Market value/ <i>Markwaarde</i> = R944 630,00 Nine hundred and forty four thousand six hundred and thirty rand. ✓✓A <i>Negehonderd vier en veertig duisend ses honderd en dertig rand.</i>	2A correct value in words NPU (2)	F L1
2.1.2	Amount of VAT/ <i>Bedrag vir BTW</i> $R836,02 \times \frac{15}{100}$ ✓MA = R125,40 ✓CA OR/OF $R836,02 \times 1,15$ ✓MA = R961,42 $R961,42 - R836,02$ = R125,40 ✓CA	$1MA \text{ correct value} \times \frac{15}{100}$ 1CA simplification OR/OF $1MA \text{ correct value} \times 1,15$ 1CA simplification (2)	F L1
2.1.3	Litres/ <i>liter</i> OR/OF ℓ ✓✓A	2A correct unit Accept dm^3 (2)	F L1
2.1.4	Monthly sewer charge/ <i>Maandelikse rioolverwyderingskoste</i> A = R378,95 ✓✓A	2A correct charge (2)	F L1
2.1.5	Total water charge/ <i>Totale water koste</i> ✓MA ✓RT B = $(6 \times R8,28) + (4 \times R8,79) + (2 \times R15,00)$ = R49,68 + R35,16 + R30,00 ✓M = R114,84 ✓CA	1MA identify 6, 4, 2 1RT identify R8,28; R8,79; R15,00 1M adding (at least 2 correct values) 1CA simplification (4)	F L2
2.2.1	Inverse proportion/Omgekeerde eweredigheid ✓✓A OR/OF Indirect proportion / <i>Indirekte eweredigheid</i>	2A type of proportion (2)	F L1

Q/V	Solution/Oplossing	Explanation/Verduideliking	T&L
2.2.2	6 ✓✓A	2A correct number (2)	F L1
2.2.3	Amount per person/ <i>Bedrag per persoon</i> ✓RT $= \frac{R3\,000,00}{7}$ ✓MA = R428,57 ✓CA	1RT correct cost (R3 000) 1MA dividing by 7 1CA simplification (3)	F L1
2.2.4 (a)	$\frac{R17\,000,00}{R500,00}$ ✓MA = 34 months/ <i>maande</i> ✓CA	1MA dividing by R500,00 1CA simplification AO (2)	F L1
2.2.4 (b)	Interest rate/ <i>Rentekoers</i> = 8,30% ✓✓A	2A correct interest rate (2)	F L1
2.2.4 (c)	Interest for 1 year/ <i>Rente vir 1 jaar</i> $= R17\,000,00 \times \frac{8,30}{100}$ ✓M Interest for 3 years/ <i>Rente vir 3 jaar</i> = R1 411,00 × 3 = R4 233,00 ✓CA = R4 200,00 ✓R OR/OF Interest earned for 3 years / <i>Rente verdien vir 3 jaar</i> $R17\,000,00 \times \frac{8,30}{100} \times 3$ ✓M = R4 233,00 ✓CA = R4 200,00 ✓R	CA from Question 2.2.4 (b) 1M interest calculation 1CA simplification 1R rounding OR/OF 1M interest calculation 1CA simplification 1R rounding (3)	F L2
2.2.4 (d)	Percentage point difference/ <i>Persentasiepunte verskil</i> 8,46% – 7,76% ✓RT = 0,7% ✓CA	1RT correct values 1CA simplification AO (2)	F L1

Please turn over/*Blaai om asseblief*

QUESTION/VRAAG 3 [26 MARKS/PUNTE]			
Q/V	Solution/Oplissing	Explanation/Verduideliking	T&L
3.1.1	<p>Volume = It is the amount of solids or liquids an object can take/hold.</p> <p><i>Volume = Is die hoeveelheid vaste of vloeistowwe 'n voorwerp kan vat.</i> ✓✓A</p> <p>OR/OF</p> <p>Volume is the amount of space occupied by an object</p> <p><i>Volume is die hoeveelheid spasie opgeneem deur die voorwerp.</i></p>	<p>2A explanation</p> <p>(2)</p>	M L1
3.1.2	<p>Volume = side × side × height/<i>sy × sy × hoogte</i></p> <p>✓C</p> <p>= 0,5 m × 0,5 m × 0,08 m ✓SF</p> <p>= 0,02 m³ ✓CA</p> <p>OR/OF</p> <p>$\frac{20\,000\text{ cm}^3}{1\,000\,000}$ ✓SF</p> <p>50 cm × 50 cm × 8 cm</p> <p>= 0,02 m³ ✓C</p> <p>✓CA</p>	<p>1SF correct substitution 1C conversion 1CA simplification</p> <p>OR/OF</p> <p>1 SF correct substitution 1C conversion 1CA simplification</p> <p>(3)</p>	M L2
3.2.1	<p>Area of one block = length × breadth</p> <p>= 50 cm × 50 cm ✓SF</p> <p>= 2 500 cm²</p> <p>Area of 12 blocks = 0,25 m² × 12 ✓MA</p> <p>= 3 m² ✓CA</p> <p>OR/OF</p> <p>Area of one block = length × breadth</p> <p>= 0,5 m × 0,5 m ✓SF</p> <p>= 0,25 m²</p> <p>Area of 12 blocks = 0,25 m² × 12 ✓MA</p> <p>= 3 m² ✓CA</p> <p>OR/OF</p>	<p>CA from Question 3.1.2</p> <p>1SF substituting correct values 1MA multiply by 12 1CA answer in m²</p> <p>OR/OF</p> <p>1SF substituting correct values 1MA multiply by 12 1CA answer in m²</p> <p>OR/OF</p>	M L2

Q/V	Solution/Oplissing	Explanation/Verduideliking	T&L
	<p>Area of 12 blocks = $12 \times (\text{side} \times \text{side})$ <i>Area van 12 blokke</i> = $12 \times (0,5 \text{ m} \times 0,5 \text{ m})$ ✓SF = $12 \times 0,25 \text{ m}^2$ ✓MA = 3 m^2 ✓CA</p> <p style="text-align: center;">OR/OF</p> <p>Area of 12 blocks = $12 \times (\text{side} \times \text{side})$ <i>Area van 12 blokke</i> = $12 \times (50 \text{ cm} \times 50 \text{ cm})$ ✓SF = $12 \times 2\,500 \text{ cm}^2$ ✓MA = 3 m^2 ✓CA</p>	<p>1SF substituting correct values 1MA multiply by 12 1CA answer in m^2</p> <p style="text-align: center;">OR/OF</p> <p>1SF substituting correct values 1MA multiply by 12 1CA answer in m^2</p> <p style="text-align: right;">(3)</p>	
3.2.2	<p>Area of walkway ✓SF $4,05 \text{ m} \times 1,45 \text{ m}$ = $5,8725 \text{ m}^2$ ✓A</p> <p>Area to be covered with pebbles = $5,8725 \text{ m}^2 - 3 \text{ m}^2$ ✓MCA = $2,8725 \text{ m}^2$ ✓CA</p> <p style="text-align: center;">OR/OF</p> <p>Area to be covered with pebbles ✓SF $(4,05 \text{ m} \times 1,45 \text{ m}) - 3 \text{ m}^2$ ✓A = $5,8725 \text{ m}^2 - 3 \text{ m}^2$ ✓MCA = $2,8725 \text{ m}^2$ ✓CA</p> <p style="text-align: center;">OR/OF</p> <p>Area of walkway ✓SF $405 \text{ cm} \times 145 \text{ cm}$ = $58\,725 \text{ cm}^2$ ✓A</p> <p>Area to be covered with pebbles = $58\,725 \text{ cm}^2 - 30\,000 \text{ cm}^2$ ✓MCA = $28\,725 \text{ cm}^2$ ✓CA</p> <p style="text-align: center;">OR/OF</p>	<p>CA from Question 3.2.1</p> <p>1SF substitution 1A simplification</p> <p>1MCA subtracting area of blocks 1CA simplification</p> <p style="text-align: center;">OR/OF</p> <p>1SF substitution 1A simplification 1MCA subtracting area of blocks 1CA simplification</p> <p style="text-align: center;">OR/OF</p> <p>1SF substitution 1A simplification</p> <p>1MCA subtracting area of blocks 1CA simplification</p> <p style="text-align: center;">OR/OF</p>	M L3

Q/V	Solution/Oplissing	Explanation/Verduideliking	T&L
3.2.2	Area to be covered with pebbles \checkmark SF $(405 \text{ cm} \times 145 \text{ cm}) - 30\,000 \text{ cm}^2$ \checkmark A $= 58\,725 \text{ cm}^2 - 30\,000 \text{ cm}^2 \checkmark$ MCA $= 28\,725 \text{ cm}^2 \checkmark$ CA	1SF substitution 1A simplification 1MCA subtracting area of blocks 1CA simplification NPR (4)	
3.2.3	$\frac{5,7 \text{ m}^2}{0,36 \text{ m}^2} \checkmark$ MA $= 15,833 \checkmark$ CA $= 16$ bags of pebbles/sakkies klippies \checkmark RCA	1MA dividing by $0,36 \text{ m}^2$ 1CA simplification 1RCA rounding (3)	M L2
3.3.1	Length of large window frame/Lengte van die groot venster raam $\frac{890 \text{ mm}}{10} \checkmark$ MA $= 89 \text{ cm} \checkmark$ CA	1MA dividing by 10 1CA simplification AO (2)	M L1
3.3.2	Perimeter/Omtrek \checkmark MA $= 18,5 \text{ cm} + 18,5 \text{ cm} + 18,5 \text{ cm} + 18,5 \text{ cm}$ $= 74 \text{ cm} \checkmark$ CA OR/OF Perimeter/Omtrek $= 4 \times 18,5 \text{ cm} \checkmark$ MA $= 74 \text{ cm} \checkmark$ CA AFRIKAANS ONLY OMIT SUB QUESTION 3.3.2 – UPSCALE FROM 24 TO 26	1MA adding 4 sides 1CA simplification OR/OF 1MA side multiplied by four 1CA simplification (2)	M L1
3.3.3	Diameter/Deursnee $= 1,85 \text{ cm} \times 2$ $= 3,7 \text{ cm} \checkmark$ A $\frac{18,5 \text{ cm}}{3,7 \text{ cm}} \checkmark$ M $= 5$ beads \checkmark CA	1A diameter 1M dividing by diameter 1CA simplification (3)	M L2

Q/V	Solution/Oplossing	Explanation/Verduideliking	T&L
3.3.4	<p>✓MA $2 \times 18,5 \text{ cm} = \frac{3}{4}$ of the width of the large window/<i>van die wydte van die groter venster</i></p> <p>✓A $37 \text{ cm} = \frac{3}{4}$ of the width of the large window/<i>van die wydte van die groter venster</i></p> <p>Width of large window/<i>breedte van groot venster</i> $= 37 \text{ cm} \times \frac{4}{3}$ ✓MA $= 49,33 \text{ cm}$ ✓CA</p>	<p>1MA multiply 18,5 by 2</p> <p>1A simplification</p> <p>1MA multiply with inverse</p> <p>1CA simplification NPR</p> <p>(4)</p>	M L2
		[26]	

QUESTION/VRAAG 4 [24 MARKS/PUNTE]			
Q/V	Solution/Oplossing	Explanation/Verduideliking	T&L
4.1.1	Camping, swimming, dining(eating) and checking-in (enquiries/registration/making payments). <i>Kampeer, swem en eet en inboek (navrae/registrasie/betalings maak).</i> ✓✓✓✓ A	4A 4 correct activities (4)	MP L1
4.1.2	Umngeni ✓✓ RT	2RT reading from map (2)	MP L1
4.1.3	5 restaurants / restaurante ✓✓ RT	2RT reading from map (2)	MP L1
4.1.4	Bar Scale/Staafskaal ✓✓ A	2A correct scale Accept: Line scale/Lynskaal/ Balkskaal (2)	MP L1
4.1.5	<p>✓A $4,2 \text{ cm} = 4 \text{ km}$ $1 \text{ cm} = 0,9524 \text{ km}$ ✓M ✓MA $\therefore 10 \text{ cm} = 9,524 \text{ km}$ $\approx 10 \text{ km}$ ✓CA</p> <p style="text-align: center;">OR/OF</p> <p> $\frac{10 \text{ cm}}{4,2 \text{ cm}} \times 4 \text{ km}$ ✓M ✓MA ✓A $= 9,524 \text{ km}$ $\approx 10 \text{ km}$ ✓CA</p> <p style="text-align: center;">OR/OF</p> <p> ✓A $2,1 \text{ cm} = 2 \text{ km}$ $1 \text{ cm} = 0,9524 \text{ km}$ ✓M ✓MA $\therefore 10 \text{ cm} = 9,524 \text{ km}$ $\approx 10 \text{ km}$ ✓CA</p> <p style="text-align: center;">OR/OF</p>	<p>1A measure bar scale 1M concept of scale 1MA multiply by scale 1CA conversion</p> <p style="text-align: center;">OR/OF</p> <p>1A measure bar scale 1M concept of scale 1MA multiply by scale 1CA conversion</p> <p style="text-align: center;">OR/OF</p> <p>1A measure bar scale 1M concept of scale 1MA multiply by scale 1CA conversion</p> <p style="text-align: center;">OR/OF</p>	MP L2

Q/V	Solution/Oplossing	Explanation/Verduideliking	T&L
4.2.2	<p>✓RT ✓RT Bedroom 1, Bathroom and Bedroom 2 / <i>Slaapkamer 1, Badkamer en Slaapkamer 2</i></p> <p>OR/OF</p> <p>ONLY AFRIKAANS CANDIDATES: ✓RT ✓RT <i>Slaapkamer 1, Kombuis</i></p>	<p>1RT first room 1RT other 2 rooms</p> <p>OR/OF</p> <p>1RT bedroom 1 1RT kitchen (2)</p>	MP L2
4.2.3	<p>$\frac{0}{2}$ OR/OF 0 OR/OF 0% OR/OF ✓✓A Impossible/<i>Onmoontlik</i></p>	<p>2A probability (2)</p>	P L2
		[24]	

QUESTION/VRAAG 5 [28 MARKS/PUNTE]			
Q/V	Solution/Oplissing	Explanation/Verduideliking	T&L
5.1.1	<p>Questionnaires OR Interviews OR Survey OR Document analysis OR Research OR Observation</p> <p><i>Vraelys OF Onderhoud OF Meningspeiling (opname) OF Dokument analise OF Navorsing OF Observeer ✓✓A</i></p>	<p>2A means of collecting data</p> <p>(2)</p>	D L1
5.1.2	<p>% Yard trimmings/Werfsnoeisels</p> <p>✓MA $= 100\% - (3,4\% + 11,2\% + 49,7\% + 3,3\% + 9,0\%)$ $= 100\% - 76,6\%$ ✓M $= 23,4\%$ ✓CA</p>	<p>1MA adding all correct values 1M subtracting from 100% 1CA simplification AO</p> <p>(3)</p>	D L2
5.1.3	<p>% Textiles/Tekstiele</p> <p>$= 11,2\% - (1,6\% + 2,3\% + 2,9\% + 1,7\%)$ $= 11,2\% - 8,5\%$ ✓MA $= 2,7\%$ ✓CA</p>	<p>1MA subtracting from 11,2% 1CA simplification AO</p> <p>(2)</p>	D L2
5.1.4	<p>Tons of plastic/Ton plastiek</p> <p>✓RT $91\,160\,000 \times \frac{3,4}{100}$ ✓MA $= 3\,099\,440$ tons/ton ✓CA</p> <p>OR/OF</p> <p>✓RT $91,16 \times \frac{3,4}{100}$ ✓MA $= 3,09944$ million tons/ton ✓CA</p>	<p>1RT correct total 1MA multiply by 3,4% 1CA simplification</p> <p>OR/OF</p> <p>1RT correct total 1MA multiply by 3,4% 1CA simplification NPR</p> <p>(3)</p>	D L2
5.1.5	<p>Cans, pieces of a motor vehicles, household appliances; scrap metal OR any other product that includes metal /</p> <p><i>Blikke, dele van 'n motorfiets, afvalmetaal OF enige ander produk wat metaal bevat. ✓✓A</i></p>	<p>2A metal products that are recyclable</p> <p>(2)</p>	D L1

Q/V	Solution/ <i>Oplossing</i>	Explanation/ <i>Verduideliking</i>	T&L
5.1.6	Stacked bar graph OR Compound bar graph OR Bar graph <i>Saamgestelde staaf grafiek OF Stapel/balk grafiek OF Staaf grafiek</i> ✓✓A	2A type of graph (2)	D L1
5.1.7	Probability/ <i>Waarskynlikheid</i> Other/ <i>Ander</i> = 11,2% ✓RT ✓MA $1,7\% + 1,6\% + 2,3\% + 2,9\% = 8,5\%$ $\frac{8,5}{11,2}$ ✓M $= 0,7589285$ ✓CA OR/OF $\checkmark A \quad \checkmark RT$ $1 - \frac{2,7}{11,2} \checkmark MA$ $= 0,7589285 \checkmark CA$	1RT correct values 1MA adding all values 1M dividing 1CA simplification OR/OF CA from Question 5.1.3 1RT correct values 1A for the number one 1MA subtracting 1CA simplification NPR (4)	P L2
5.2.1	10 ✓✓A	2A correct number (2)	D L1
5.2.2	Number of seats/ <i>setels</i> ✓A $33 : 27$ ✓M $= 11 : 9$ ✓CA	1A correct values 1M ratio in correct order 1CA simplified ratio Accept unit ratio or fractional form (3)	D L1
5.2.3	National Freedom Party / NFP <i>Nasionale Vryheidsparty/NVP/NFP</i> ✓✓RT	2RT reading from table (2)	D L1

Q/V	Solution/Ooplossing	Explanation/Verduideliking	T&L
5.2.4	<p>3A bars correctly drawn</p>		D L2
		[28]	
		TOTAL/TOTAAL: 150	