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PREPARATORY EXAMINATION/ VOORBEREIDENDE EKSAMEN

GRADE/GRAAD 12

MATHEMATICAL LITERACY P1/ WISKUNDIGE GELETTERDHEID VI

23 SEPTEMBER 2024

MARKING GUIDELINE/ 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 21 pages/
 Hierdie nasienriglyne bestaan uit 21 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.

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 op by die tweede berekeningsfout.*
- *Let wel: Volgehoue akkuraatheid (CA) geld NIE in die geval van 'n afbreuk NIE.*
- *Wanneer 'n kandidaat aflesings vanaf 'n grafiek, tabel, uitlegplan en kaart geneem het en ekstra antwoorde gee, penaliseer vir elke ekstra item.*
- *'n Algemene nasienbeginsel is dat, indien 'n kandidaat een fout maak en daarna voortgaan met korrekte wiskunde, die kandidaat slegs EEN punt verloor.*

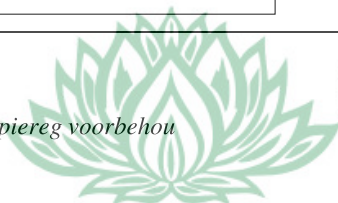
QUESTION PAPER SHOULD BE MARKED OUT OF 142

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pietereg voorbehoud

Q/V	Solution/Oplossing	Explanation/Verduideliking	T/L
1.2.3	9,5% ✓✓RT	2RT correct percentage NPU (2)	F L1 E
1.2.4	Total cost/ Totale koste ✓RT = R942,50 × 12 = R11 310,00 ✓A	1RT using R942,50 1A correct answer (2)	F L1 E
1.2.5	Discount/ Afslag = R10 099 × $\frac{10}{100}$ ✓MA = R1 009,90 ✓A	1MA calculating 10% 1A discount amount [accept R1 009,9/R1 010] (2)	F L1 E
1.2.6	C ✓✓A Accept: ✓✓A Collected by a retail store from the customer who pays the tax included in the price of purchased goods. The store later files a tax return and forwards the tax takings to the government.	2A correct choice (2)	F L1 M
1.3.1	✓✓ A Tree diagram/Boomdiagram	2A correct name (2)	P L1 E
1.3.2	✓✓A H = White Bread Roll /Witbroodrolletjie / WBR ✓✓A Q = White Bread Toasted/ Witbrood Gerooster/WBT	2A correct label 2A correct label (4)	P L1 E/M
1.3.3	Six/ Ses/ 6 ✓✓A Listing all 6 correct outcomes (½)	2A total number of outcomes (2)	P L1 E
1.3.4	Four/vier/ 4 Listing all 4 correct outcomes (½)	2A correct number of outcomes (2)	P L1 M



QUESTION/VRAAG 2			[33 MARKS/PUNTE]																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
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Q/V	Solution/Oplissing	Explanation/Verduideliking	T/L
2.2.1	✓✓A A price quotation is a document stating ALL expected financial costs of the Ford bakkie./'n Pryskwotasie is 'n gedrukte dokument wat ALLE verwagte finansiële koste van die Ford-bakkie aandui OR/OF ✓✓A Price Quotation is a type of document that provides a expected fixed/unchanged price or cost for purchasing a bakkie./Pryskwotasie is 'n tipe dokument wat 'n verwagte vaste/onveranderde prys of koste verskaf vir die aankoop van 'n bakkie OR/OF ✓✓A Price quotation is a detailed statement showing various items and their expected costs amounting to a particular amount for buying a bakkie./Dit is 'n gedetailleerde staat wat verskeie items en hul verwagte koste toon wat 'n bepaalde bedrag vir die aankoop van 'n bakkie behoort OR/OF ✓✓A Price quotation is a type of document that provides an expected fixed price or cost for buying the bakkie./Pryskwotasie: 'n tipe dokument wat 'n verwagte vaste prys of koste verskaf vir die aankoop van die bakkie. OR/OF ✓✓A Price quotation is a document enlisting available Ford bakkie items and their expected costs. OR/OF A documented commitment from the seller to the buyer offering the bakkie and accessories at a fixed price.	2A correct wording.	F L1 E
		(2)	



Q/V	Solution/Oplossing	Explanation/Verduideliking	T/L
2.2.2	$\checkmark\checkmark A$ R1 250 000 OR/OF 1 250 000	2A correct number (2)	F L1 E
2.2.3	Discount percentage/ <i>Afslag persentasie</i> $\checkmark RT$ $= \frac{R18\,420,00}{R480\,263,16} \times 100\%$ $\checkmark RT$ $= 3,835397243$ $= 3,84\% \checkmark R$	1RT numerator 1RT denominator 1R rounding % to two decimal places. AO (3)	F L2 M
2.2.4	VAT/ <i>BTW</i> $= \frac{15}{100} \times R477\,107,47$ $\checkmark RT$ $= R71\,566,1205$ $\checkmark A$ Total due/ <i>Bedrag verskuldig</i> $= R477\,107,47 + R71\,566,12$ $\checkmark MA$ $= R548\,673,59$ OR/OF Total due = $\frac{\checkmark MA \checkmark MA \checkmark RT}{115} \times R477\,107,47$ $= R548\,673,59$	1RT reading R477 107,47 1A VAT amount 1MA adding correct values 1RT reading R477 107,47 1MA increased % (115) 1MA using 115% (3)	F L2 E



Q/V	Solution/Oplossing	Explanation/Verduideliking	TL
2.2.5	✓✓ O To protect the front of the bakkie/om die voorkant van die bakkie te beskerm OR/OF ✓✓ O Protects the vehicle's radiator/grille/surrounding area./Beskerm die voertuig se verkoeler/rooster/omringende area OR/OF ✓✓ O Protection of body – avoiding any nasty scratches or dents to the body front/ Beskerming van raamwerk - vermy enige nare skrape of duike aan die voorkant van die raamwerk OR/OF ✓✓ O Keep the engine bay safe./Beskerm die enjinkompartement OR/OF ✓✓ O Enhance the vehicle's look/Bevorder die voertuig se aansig OR/OF ✓✓ O Provide a bakkie with a sleeker/richer finish or look./Voorsien 'n bakkie van 'n belynde/beter afwerking of voorkoms OR/OF ✓✓ O For safety reasons/as a safety feature/Vir veiligheidsredes/as 'n veiligheidskenmerk OR/OF ✓✓ O Beautification of the bakkie./Verfraaiing van die bakkie OR/OF ✓✓ O Durability/longer lasting/general protection./Duursaamheid/langduriger/algemene beskerming	20 protection of front parts 20 protection 20 security reason 20 security reason 20 beauty 20 beauty reason 20 safety reason 20 beauty looking reason. 20 durability reason	F L4 E (2)



Q/V	Solution/Oplossing	Explanation/Verduideliking	TL
2.2.6	33 months/<i>maande</i> = 2 yrs 9 mnths ✓ C Interest 1st year/Rente 1^{ste} jaar: $= \frac{6,7}{100} \times R\ 1\ 250\ 000 \quad \checkmark \text{ MA}$ = R 83 750 ✓ CA Year 1 total $= R\ 1\ 250\ 000 + 83\ 750$ $= R\ 1\ 333\ 750 \quad \checkmark \text{ CA}$ Interest 2nd year/ Rente 2^{de} jaar: $= \frac{6,7}{100} \times R\ 1\ 333\ 750$ = R 89 361,25 Year 2 total/Jaar 2 totaal $= R\ 1\ 333\ 750 + R\ 89\ 361,25$ $= R\ 1\ 423\ 111,25 \quad \checkmark \text{ CA}$ Interest for 9 months/ rente vir 9 maande $\frac{6,7}{100} \times \frac{9}{12} \times R\ 1\ 423\ 111,25 \quad \checkmark \text{ M}$ = R71 511,34 ✓ CA Total interest earned/Totale rente verdien $= R\ 83\ 750 + R\ 89\ 361,25 + R\ 71\ 511,34$ $= R\ 244\ 622,59 \quad \checkmark \text{ CA}$ OR/OF	CA 1,25 million from 2.2.2 1C conversion to years and months 1MA calc. interest for year 1 1CA 1st year interest 1CA total for year 1 1CA total year 2 1M calc. % for 9 months 1CA interest for 9 months 1CA total interest	F L4 D



Q/V	Solution/Oplissing	Explanation/Verduideliking	T/L
	Interest for 9 months/ rente vir 9 maande $\frac{6,7}{100} \times \frac{9}{12} \times \text{R}1\,423\,111,25$ = R71 511,34 ✓ CA 9 months total/9 maande totaal = R1 423 111,25 + R71 511,34 = R1 494 622,59 Total interest earned/Totale rente verdien = R1 494 622,59 – R1 250 000 = R244 622,59 ✓ CA ✓ O ∴ Interest is not enough/sufficient./is less than R480 263,16/less than the selling price of a bakkie./Rente is nie genoeg/voldoende nie./is minder as R480 263,16/minder as die verkoopprijs van 'n bakkie. OR/OF	1M calc. % for 9 months 1CA interest for 9 months 1CA total interest 1O conclusion (9)	



	33 months/ <i>maande</i> = 2 yrs 9 mnths ✓ C Interest 1st year/Rente 1^{ste} jaar: $= \frac{6,7}{100} \times R1,25 \text{ million} \quad \checkmark \text{ MA}$ = R0,08375 million ✓ CA Year 1 total = R1,25 + R0,08375 = R1,33375 million ✓ CA Interest 2nd year/ Rente 2^{de} jaar: $= \frac{6,7}{100} \times R1\,333\,75$ = R0,089 36125 million Year 2 total/Jaar 2 totaal = R1,33375 + R0,089 36125 = R1,42311125 ✓ CA Interest for 9 months/ rente vir 9 maande $\frac{6,7}{100} \times \frac{9}{12} \times R1,42311125 \quad \checkmark \text{ M}$ = R0,07151134031 million ✓ CA Total interest earned/ <i>Totale rente verdien</i> = R0,08375 + R0,08936125 + R0,07151134031 = R0,2446225903 ≈ R0,244 million ✓ CA OR/OF	1C conversion to years and months 1MA calc. interest for year 1 1CA 1 st year interest 1CA total for year 1 1CA total year 2 1M calc. % for 9 months 1CA interest for 9 months 1CA total interest	



QUESTION/VRAAG 3		[30 MARKS/PUNTE]	
Q/V	Solution/Oplossing	Explanation/Verduideliking	T/L
3.1.1	✓✓ A Observation/Waarneming	2A correct tool (2)	D L1 E
3.1.2	Value of R/ Waarde van R = $16 = \frac{216 + 3R}{18}$ $16 \times 18 = 216 + 3R$ $288 - 216 = 3R$ $72 = 3R$ $R = 24$ ✓ CA	1MA adding value 1M concept of mean 1M changing subject 1CA value of R AO (4)	D L2 M
3.1.3 (a)	11 12 12 14 15 15 16 18 18 19 19 19 20 20 20 20 20 Median/mediaan = $\frac{18+19}{2}$ ✓ M = 18,5 ✓ CA	1MA arranging values 1M adding middle values and dividing by 2 1CA simplification Unarranged data ✓M $\frac{18 + 20}{2} = 19$✓ CA (3)	D L2 M
3.1.3 (b)	$Q_1 = 15$ ✓ A $IQR = Q_3 - Q_1$ ✓ A = 20 - 15 = 5 ✓ CA	CA from 3.1.3 (a) 1A value of Q1 1A IQR concept (Formula) 1CA IQR value (3) Unarranged data Q1 = 16 ✓ IQR = $Q_3 - Q_1$ ✓ = 20 - 16 = 4 ✓ (3/3) If IQR = 11 - 16 = -5 (0 marks, break down => stop marking)	D L3 M



Q/V	Solution/Oplossing	Explanation/Verduideliking	T/L
3.1.4	✓✓O Small groups of participants ensure a feeling of togetherness/<i>Klein groepe deelnemers verseker 'n gevoel van samehorigheid.</i> OR/OF ✓✓O Participants are able do morning classes before they go to work/<i>Deelnemers is afgetrede senior burgers of doen nie dagwerk nie en het geen oggendtakies of verpligtinge nie</i> OR/OF ✓✓O It's part of starting the day./<i>Dit is deel van die begin van die dag.</i> OR/OF ✓✓O During the day people may be committed due to planned or unplanned reasons/ <i>Gedurende die dag kan mense toegewyd wees weens beplande of onbeplande redes</i> OR/OF ✓✓O Some people may only come when they have a day off./<i>Sommige mense sal dalk net kom wanneer hulle 'n dag af het.</i> OR/OF Any reason making sense./<i>Enige sinvolle argument.</i>	20 reason (2)	D L4 E
3.1.5	✓✓O The maximum value is the same as quartile 3./<i>Die maksimum waarde is dieselfde as kwartiel 3.</i> OR/OF ✓✓O Attendance remained the same from the 75th percentile./<i>Bywoning het dieselfde gebly vanaf die 75ste persentiel</i>	20 reason (2)	D L4 M



Q/V	Solution/Oplossing	Explanation/Verduideliking	T/L
3.2.1	EC/Eastern Cape/Oos-Kaap ✓✓ A	2A correct province (2)	D L1 M
3.2.2	✓✓ A Ascending/Stygend.	2A ascending. (2)	D L1 M
3.2.3	Percentage Change/Persentasie verandering $= \frac{440 - 437}{437} \times 100\% \checkmark \text{MA}$ $= 0,69\%$	1A numerator and denominator 1MA percentage calculation (2)	D L2 E
3.2.4	$100\% - 4,08\% = 95,92\% \checkmark \text{MA}$ $A = \frac{100\% \checkmark A}{95,92\%} \times 4\,417 \checkmark \text{RT}$ $= 4\,604,879066$ $= 4\,604 \text{ or } 4\,605 \checkmark \text{CA}$	1MA calculating 95,92% 1A numerator and denominator 1RT correct value (4 417) 1CA simplification (4)	D L3 M
3.2.5	Estimated/geskatte $= \frac{34}{100} \times 60,14 \text{ million} \checkmark \text{MA}$ $= 20,4476 \text{ million/miljoen} \checkmark \text{A}$ Number in table/ Aantal in tabel $= \frac{20\,495}{1\,000}$ $= 20,495 \checkmark \text{C}$ Difference/verskil $= 20,495 \text{ million/mil} - 20,4476 \text{ million/mil}$ $= 0,0474 \text{ million/miljoen} \checkmark \text{CA}$	1MA calculating 34% 1A simplification 1C converting table value 1CA difference (4)	D L3 M
		[30]	



[illegible]

	If learners work with 32 and 36 (allocate 5/6) Pensionable service period/Pensioendraende dienstydpark: 2024 – 1992 = 32 yrs. Gratuity/Gratifikasie = 6,72% × final salary per year × years of pensionable service/<i>finale salaris per jaar × jaar pensioendraende diens</i> = 6,72% × R540 333 × 32 ✓ SF = R1 161 932,0832 ✓ S 4 years later/4 jaar later = 36 yrs Gratuity/Gratifikasie ✓ MCA = 6,72% × R613 650 × 36 = R1 484 542,08 Difference/verskil = R1 161 932,10 – R1 484 542,08 = R322 609,98 ✓ CA ≈ R322 610 ✓ R		
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Q/V	Solution/Oplossing	Explanation/Verdui	T/L
4.1.3	Annuity (p.a.)/Annuïteit (p.j.) $= \left(\frac{1}{55} \times \text{final salary} \times \text{years of pensionable service}\right) + 360$ $= \left(\frac{1}{55} \times R540\,333 \times 33\right) + 360$ $= R324\,559,80$ Tax payable per annum/Belasting betaalbaar p.j. $= R42\,678 + 26\% \times (R324\,559,80 - R237\,100)$ $= R42\,678 + R22\,739,55$ $= R65\,417,55$ $= R65\,417,55 - R17\,235$ $= R48\,182,55$ Annuity after tax/ Annuïteit na belasting $= R324\,559,80 - R48\,182,55$ $= R276\,377,25$ Monthly annuity Maandelikse annuïteit $= R276\,377,25 \div 12$ $= R23\,031,44$	CA from 4.1.2 1SF substituting correct values 1CA simplification 1MA correct tax bracket 1SF correct substitution 1CA tax before rebate 1CA tax after rebate 1CA simplification 1MA divided by 12 1CA monthly income after tax (9)	F L3 D



	If learners work with 32 years (9/9) Annuity (p.a.)/Annuïteit (p.j.) $= \left(\frac{1}{55} \times \text{final salary} \times \text{years of pensionable service} \right) + 360$ $= \left(\frac{1}{55} \times R540\,333 \times 32 \right) + 360$ $= R314\,735,5636 \approx R314\,735,56 \checkmark \text{CA}$ Tax payable per annum/Belasting betaalbaar p.j. $= R42\,678 + 26\% \times (R314\,755,56 - R237\,100)$ $= R42\,678 + R20\,190,45$ $= R62\,868,45$ $= R62\,868,45 - R17\,235$ $= R45\,633,45 \checkmark \text{CA}$ Annuity after tax/ Annuïteit na belasting $= R314\,735,56 - R45\,633,45$ $= R269\,102,11 \checkmark \text{CA}$ Monthly annuity/Maandelikse annuïteit $= R269\,102,11 \div 12 \checkmark \text{MA}$ $= R22\,425,18 \checkmark \text{CA}$	1SF substituting correct values 1CA simplification 1MA correct tax bracket 1SF correct substitution 1CA tax before rebate 1CA tax after rebate 1CA simplification 1MA divided by 12 1CA monthly income after tax	
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Q/V	Solution/Oplissing	Explanation/Verdui	T/L
4.2.1	✓✓A Compound/ Multiple bar/saamgestelde/ Meervoudige	2A compound/multiple (2)	D L1 E
4.2.2	✓✓A (a) No Data for Tuesday and Wednesday/ <i>Geen data vir Dinsdag en Woensdag nie</i> ✓✓A (b) no stats reflected the number of visitors in a park from/<i>geen statistieke weerspieël die aantal besoekers in 'n park vanaf nie 17:00–19:00</i> - No numbers on the vertical axis/<i>Geen getalle op die vertikale as nie</i> OR/OF - No bars from 17:00–19:00/<i>Geen stawe vir 17:00–19:00</i>	2A two days left out. 2A hours not having visitors' stats. (4)	D L4 M
4.2.3	✓O The number of visitors increases to about 12:00. on weekdays and then decrease again till 16:00. ✓O <i>Die aantal besoekers neem toe tot ongeveer 12:00. op weekdae en verminder dan weer tot 16:00.</i> OR/OF ✓O The number of visitors increases to about 13:00 on weekends and then decreases again till 16:00. ✓O <i>Die aantal besoekers neem toe tot ongeveer 13:00 oor naweke en neem dan weer af tot 16:00.</i>	1O increase and time period 1O decrease and time period (2)	D L4 D
		[25]	



QUESTION/VRAAG 5		[32 MARKS/PUNTE]	
Q/V	Solution/Oplissing	Explanation/Verduidelik	T/L
5.1.1	FCA share of USA production/FCA-aandeel van VSA-produksie: $= 100\% - (11 + 11 + 8 + 3 + 4 + 2 + 1 + 7 + 20 + 18) \%$ $= 100\% - 85\% \checkmark \text{ MA}$ $= 15\% \checkmark \text{ A}$	1MA subtracting correct values from 100% 1A percentage AO NPU (2)	D L2 E
5.1.2	$\text{SUV} = \frac{3}{100} \times 11\,800\,000 \checkmark \text{ MA}$ $= 354\,000 \checkmark \text{ CA}$ OR/OF $\text{SUV} = \frac{3}{100} \times 11,8 \text{ million} \checkmark \text{ MA}$ $= 0,354 \text{ million} \checkmark \text{ CA}$	1MA calculating 3% 1CA total vehicles AO NPU (2)	D L2 E
5.1.3	Contribution/Bydrae $= 20\% + 18\% + 15\% \checkmark \text{ MA}$ $= 53\% \checkmark \text{ A}$ $\checkmark \text{ O}$ The statement is VALID/Vervolgens is die stelling WAAR.	MCA from 5.1.1 1MA adding correct percent 1A simplification 1O conclusion (3)	D L4 M
5.1.4	$7\% \checkmark \checkmark \text{ A}$	2A correct value NPU (2)	D L2 E



Q/V	Solution/Oplissing	Explanation/Verduideliking	T/L
5.1.5	Number of toyota vehicles $= \frac{10}{100} \times 90,2 \text{ million/milj}$ $= 9,02 \text{ million/milj} \checkmark \text{ A}$ Amount in Japanese Yen (¥) $= 9,02 \times \text{¥}1\,870\,500$ $= \text{¥}16\,871\,910 \text{ million/milj} \checkmark \text{ CA}$ Amount in dollars (\$) $\text{¥}1 = \$0,0069$ $= 16\,871\,910 \times 0,0069 \checkmark \text{ C}$ $= \$116\,416,179 \text{ million/milj} \checkmark \text{ CA}$ Amount in rands (R) $\text{R}1 = \$0,054$ $= \frac{\$116\,416,179}{0,054} \checkmark \text{ C}$ $= \text{R}2\,155\,855 \text{ million/milj} \checkmark \text{ CA}$ OR/OF	1A number of vehicles 1CA amount in Yen 1C converting to \$ 1CA amount in \$ 1C convert to rand. 1CA amount in rands	F L 3 D



Q/V	Solution/Oplossing	Explanation/Verduideliking	T/L
5.2.1	$UL = \text{Base fare} + 10,5 \times \text{Cost per mile/}$ $\text{Basistarief} + 10,5 \times \text{Koste per myl}$ $\checkmark \text{ MA} \quad \checkmark \text{ RT}$ $= \$22,87 + (10,5 \times \$7,85)$ $= \$105,295 \quad \checkmark \text{ CA}$ $\approx \$105,30$	1RT using correct values. 1MA multiplying and adding. 1CA value of UL AO NPU (3)	F L2 M
5.2.2	UPFRONT fare = base fare (call-out fee) + (number of miles $\times$ per mile fare) $\$14,98 = 00 + (n \times \$1,90) \quad \checkmark \text{ SF} \quad \text{where } n = \text{number of miles}$ $n = \frac{14,98}{1,90} \quad \checkmark \text{ MA}$ $= 7,88421052631 \quad \checkmark \text{ CA}$ $\approx 8 \quad \checkmark \text{ R}$	1SF correct substitution 1MA changing subject of the formula 1CA simplification 1R rounding (4)	F L2 M



Q/V	Solution/Oplissing	Explanation/Verduideliking	T/L
5.2.3	To cover the cost for wasted time/ idle when a vehicle could have been used to assist someone when you cancel the booking./Om die koste te dek vir ledige/Vermorste tyd wanneer 'n voertuig gebruik kon word om iemand by te staan wanneer jy die bespreking kanselleer. ✓✓ O OR/OF Penalty/Fine for booking made if one does not finally use the vehicle (or time wasting)./Boete/boete vir bespreking gemaak as mens nie uiteindelik die voertuig gebruik nie (of tyd mors) ✓✓ O OR/OF Prevent Prank/HOAX/fraudster calls./ Voorkom HOAX/bedrieër-oproep ✓✓ O OR/OF Cover petrol and wear and tear of the vehicle/Vir petrol en slytasie van die voertuig ✓✓ O OR/OF Recovering company costs or company make a profit/and loss/Vir die verhaal van maatskappykoste of maatskappy maak 'n wins/en verlies	20 reason	F L4 E

(2)



Q/V	Solution/Oplissing	Explanation/Verduideliking	T/L
5.2.4	Time in minutes 1 hr 45 min = 60 min + 45 min = 105 min^{✓ C} Post-trip cost/<i>Na-reiskoste</i>: ^{✓ SF} = (105 min × \$0,55 per min) + (30 miles × \$4,05) = \$57,75 + \$121,5^{✓ MA} = \$179,25^{✓ CA} Upfront cost/<i>Vooraf koste</i>: ^{✓ SF} = \$18 + (30 miles × \$4,05 per mile) = \$139,50^{✓ CA} Difference/<i>verskil</i> = \$179,25 – \$139,50 = \$39,75^{✓ CA} ^{✓ O} The statement is correct/<i>Die stelling is korrek</i>	1C converting to minutes. 1SF correct substitution 1MA adding values 1CA post trip cost 1SF correct substitution 1CA upfront trip cost 1CA difference 1O conclusion (8)	F L4 D
		[32]	
		TOTAL/TOTAAL: 150	

Scaling the whole paper

$$\frac{\text{Learner total}}{142} \times 150$$

