LIMPOPO
PROVINCIAL GOVERNMENT
REPUBLIC OF SOUTH AFRICA

DEPARTMENT OF
EDUCATION

GRADE 10

MATHEMATICAL LITERACY P1

JUNE 2025

MARKING GUIDELINE

MARKS : 50

Symbol/*Simbool*	**Explanation/*Verduideliking***
M	Method/*Metode*
M/A	Method with accuracy/*Metode van akkuraatheid*
CA	Consistent accuracy/*Volgehoue akkuraatheid*
A	Accuracy/*Akkuraatheid*
C	Conversion/*Herleiding*
S	Simplification/*Vereenvoudiging*
RT	Reading from a table/graph/diagram/*Lees vanaf tabel/grafiek/diagram*
SF	Correct substitution in a formula/*Korrekte vervanging in formule*
O	Opinion/Example/Definition/Explanation/*Opinie/Voorbeeld/Definisie/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 penalisering vir afronding nie*
NPU	No penalty for the units/*Geen penalisering vir eenhede nie*
AO	Answer only, if correct, full marks/*Slegs antwoord, indien korrek, volpunte*
MCA	Method with consistent accuracy/*Metode met volgehoue akkuraatheid*

This marking guideline consists of 8 pages.

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QUESTION 1 [10 MARKS]			
Que	**Solution**	**Explanation**	**T & L**
1.1	B ✓✓A	2A correct letter (2)	D L1
1.2	E ✓✓A	2A correct letter (2)	F L1
1.3	G✓✓A	2A correct letter (2)	P L1
1.4	A ✓✓A	2A correct letter (2)	F L1
1.5	C ✓✓A	2A correct letter (2)	F L1
		[10]	

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QUESTION 2 [25 MARKS]			
Que	**Solution**	**Explanation**	**T & L**
2.1.1	Cheapest plan for calls Power Pack ✓✓RT	2RT correct plan (2)	F L1
2.1.2	Total cost of 6 minutes call using Prepaid LTE plan ✓RT = R2,09 × 6 ✓MA = R 12,54 ✓CA	 1RT correct price 1MA multiply by 6 1CA Simplification (3)	F L2
2.1.3	Twelve SMS used ✓RT = 12 × R0,52 ✓MA = R6,24 ✓CA Difference = R 12,54 - R6,24✓MCA = R 6,30 ✓CA 50% of R12,54 = R6,27 Her claim is valid, she would have saved more than R6,27 ✓O	**CA from 2.1.2** 1RT R0,52 1MA multiplying R0,52 by 12 1CA Simplification 1MCA difference 1CA Simplification 1O validation (6)	F L4

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2.2.1	Total household expenses Total budget per month ✓MA = R7 000 + R2 000 + R3 000 + R500 + R400 + R150 + R1 000 + R500 + R1 500 + R4 400 + R5 000 + R600 + R290 = R26 340✓A Total budget per year =R7 200 + R3 600 + R4 200 + R 3 948 = R18 948 = $\frac{18\,948}{12}$ ✓MA = R1 579✓ CA Total budget per month = R26 340 + R1 579 = R27 919✓ CA	1MA adding amount of money per month 1A simplification 1 MA dividing by 12 1CA simplification 1CA simplification Answer (5)	F L3
2.2.2	Total amount overspent = R27 919 – R27 000 ✓MA = R 919,00 ✓CA	**CA from 2.2.1** 1MA difference 1CA answer (2)	F L1
2.2.3	Ratio 3 000: 27 000 ✓ RT ✓A ✓A 1: 9	1RT correct values 1A ratio in correct order 1A ratio in simplified form (3)	F L1

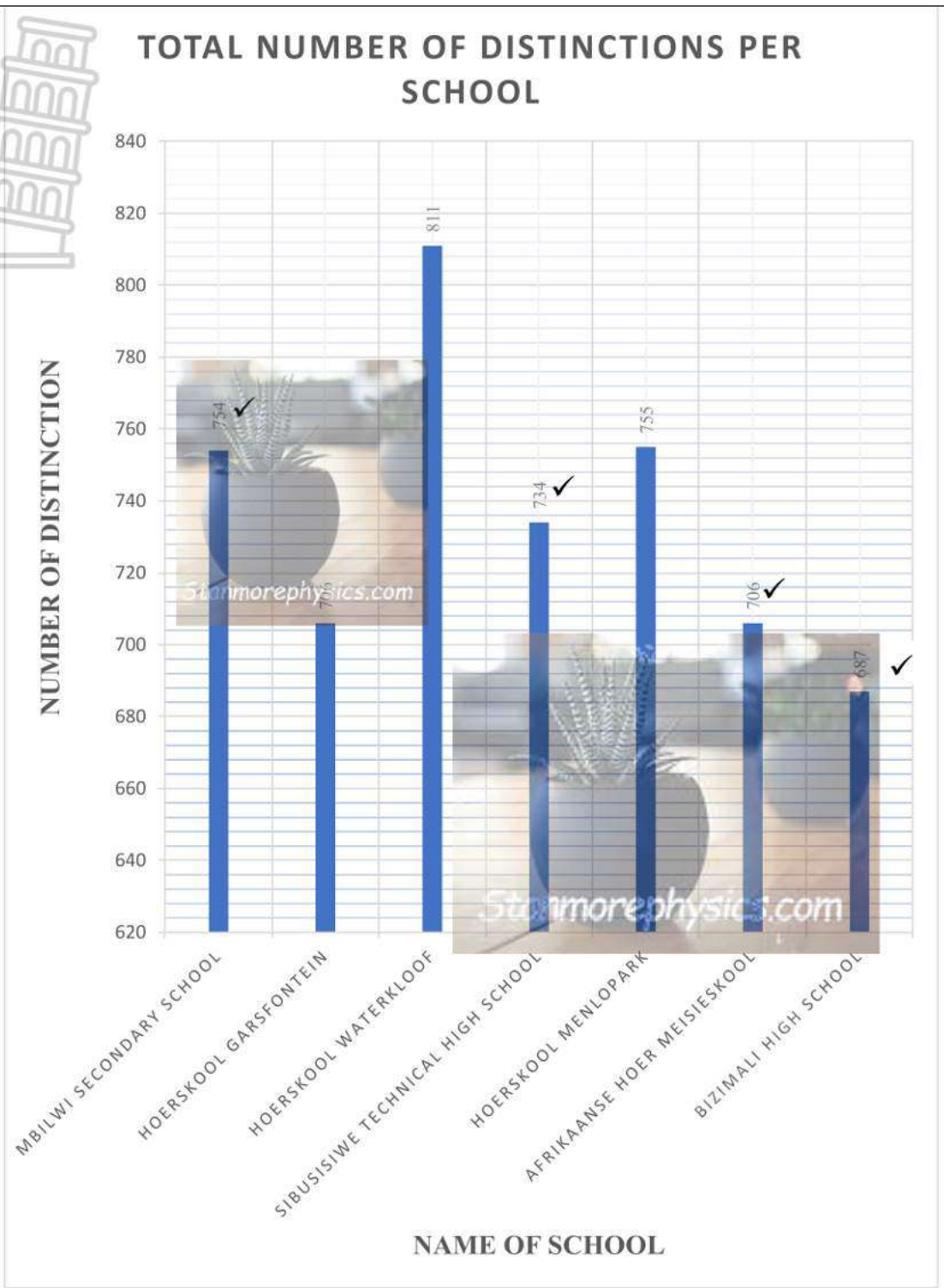
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2.2.4	They should cancel DSTV since they have Wi-Fi. ✓✓O They should cancel the fitness club and jog on the road. ✓✓ O **OR** They can reduce the amount used for entertainment and eating out. ✓✓ O  	4O for the first two reasons (4)	F L4
		[25]	

QUESTION 3 [15 MARKS]

Que	Solution	Explanation	T & L
3.1	No Mode✓✓ A	2A no mode (2)	D L2
3.2	Range = Max value – Min value 124 = Max value – 687 ✓ RT Max value = 124 + 687 ✓ MA = 811 ✓ CA	1RT minimum value 1MA changing the subject of the formula 1CA Simplification (3)	D L3
3.3	Median 687; 706; 706; 734; 754; 755; 811 ✓A = 734✓✓ A	**CA from 3.2** 1A correct order 2A correct median value (3)	D L2
3.4	Mean = $\frac{494+368+371+306+321+239+440}{7}$ ✓MA = $\frac{2\,539}{7}$ ✓MA = 362,71 ✓CA	1MA adding all the values 1MA Mean concept 1CA Simplification **NPR** (3)	D L2

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3.5	TOTAL NUMBER OF DISTINCTIONS PER SCHOOL NUMBER OF DISTINCTION 840 820 800 780 760 740 720 700 680 660 640 620 754 706 811 734 755 706 687 MBILWI SECONDARY SCHOOL HOERSKOOL GARSFONTEIN HOERSKOOL WATERKLOOF SIBUSISIWE TECHNICAL HIGH SCHOOL HOERSKOOL MENLOPARK AFRIKAANSE HOER MEISIESKOOL BIZIMALI HIGH SCHOOL NAME OF SCHOOL	D L2

		1A correct value for Mbilwi 1A correct value for Sibusisiwe 1A correct value for Meisies 1A correct Bizimali (4)	
		[15]	
		TOTAL : 50	



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