

SA's Leading Past Year

Exam Paper Portal



You have Downloaded, yet Another Great Resource to assist you with your Studies 😊

Thank You for Supporting SA Exam Papers

Your Leading Past Year Exam Paper Resource Portal

Visit us @ www.saexampapers.co.za





This Paper was downloaded from SAEXAMPAPERS

GAUTENG PROVINCE
EDUCATION
REPUBLIC OF SOUTH AFRICA

JUNE EXAMINATION GRADE 12

2026

MARKING GUIDELINES

MATHEMATICAL LITERACY

(PAPER 2)

SYMBOL	EXPLANATION
M	Method
MA	Method with accuracy
MCA	Method with consistent accuracy
CA	Consistent accuracy
A	Accuracy
C	Conversion
S	Simplification
RT	Reading from a table/graph/document/diagram
SF	Correct substitution in a formula
O	Opinion/Explanation
P	Penalty e.g. for no unit, incorrect rounding-off, etc.
NPR	No penalty for correct rounding
NPU	No penalty for omitting a unit, but wrong unit is penalised
AO	Answer only

KEY TO SUBJECT SYMBOLS:

M = Measurement; MP = Maps, Plan and other representations; P = Probability

KEY TO LEVEL OF DIFFICULTY:

E = EASY; M = MEDIUM; D = DIFFICULT

9 pages



SA EXAM PAPERS

Proudly South African

**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 or break-down.
- 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 one mark is deducted.
- A conclusion mark can only be awarded if relevant calculations of at least $\frac{1}{3}$ of the maximum mark of the sub-question has been awarded.
- No penalty for rounding (NPR) if the first decimal is correct, except questions involving money.

NOTES

1.3.3	Accept Botswana
2.3	$221-279 = 58\text{Km}$ (recovered)
3.1.2	If early rounding (Penalise 1 mark) $77 \text{ m} \times 10.97 \text{ m}$ $= 260.76 \text{ m}^2$
3.3	If learners subtracted from the diameter: $6,2\text{cm} - 1\text{cm} = 5,5\text{cm}$ $3,142 \times 5,2 = 16,3384 \text{ cm}$ Give 3/5 marks
4.6	English version, Accept root of 144 = 12 cm $A = \text{breadth} \times \text{width}$ $144 \text{ m}^2 = \text{breadth} \times \text{breadth} \checkmark \text{ SF}$ $144 \text{ m}^2 = \text{breadth}^2 \checkmark \text{ M}$ $\text{breadth} = 12 \text{ m} \checkmark \text{ CA}$ If the learner measures breadth from the question paper and use scale: Accept: $7\text{mm} - 8\text{mm} \checkmark$ $7,5 \text{ mm} \times 400 \div 1\,000 \checkmark = 3 \text{ m} \checkmark$
5.3.1	$40 \text{ cm} - 37,5 \text{ cm}$ $= 2,5 \text{ cm} \checkmark$ $\therefore \text{Height} = 40 \text{ cm} - 2,5 \text{ cm} \checkmark$ $= 37,5 \text{ cm}$ Or Reverse method $37,5\text{cm} \div 3 \checkmark = 12,5 \text{ cm} \checkmark$





MARKING GUIDELINES

MATHEMATICAL LITERACY

(PAPER 2)

GR12 0626

QUESTION 1		(20 MARKS)	AO
Q	Solution	Explanation	T&L
1.1.1	C ✓✓ A	2A correct answer (2)	M L1 E
1.1.2	D ✓✓ A	2A correct answer (2)	M L1 M
1.1.3	B ✓✓ A	2A correct answer (2)	MP L1 M
1.2.1	1 kg × 1 000 ✓C = 1 000 g ✓A	1C conversion 1A simplification (2)	M L1 E
1.2.2	20 ÷ 60 ✓MA = 0,33 hours ✓A	1MA dividing by 60 1A simplification NPR NPU (2)	M L1 E
1.2.3	$\frac{36}{24} \times 4$ ✓ MA = 6 eggs ✓A OR $\frac{24}{12} \times 3$ ✓ MA = 6 eggs ✓A OR 24 muffins = 4 eggs 12 muffins = 2 eggs Total eggs = 4 + 2 ✓ MA = 6 eggs ✓A	1MA quantity needed 1A simplification 1MA quantity needed 1A simplification 1MA adding 4 and 2 1A simplification (2)	M L1 M
1.3.1	Bar Scale /Line Scale ✓✓ A	2 A answer (2)	L1 MP E
1.3.2	Indian Ocean ✓✓ A	2 A answer (2)	L1 MP E
*1.3.3	Namibia ✓✓ A	2 A answer (2)	L1 MP E
1.3.4	Harrismith ✓✓ RT	2 RT answer (2)	MP L1 E
		[20]	



SA EXAM PAPERS

Proudly South African



QUESTION 2 (19 MARKS)			
Q	Solution	Explanation	T&L
2.1	Strip chart/Strip map ✓✓ A	2 A answer (2)	MP L1 E
2.2	A1 ✓ RT A2 ✓ RT A3 ✓ RT	1 RT A1 1 RT A2 1 RT A3 (3)	MP L1 E
*2.3	279 – 221 ✓ RT ✓ MA = 58 km ✓ A OR 1 165 – 1 107 ✓ RT ✓ MA = 58 km ✓ A	1 RT 279 km and 221 km 1 MA subtraction 1 A simplification 1 RT both values 1 MA subtraction 1 A simplification AO (3)	MP L2 M
2.4	Distance : Gaborone to Pretoria = 324 km ✓ A Speed = 120 km/hr <i>time = distance ÷ speed</i> $= \frac{324}{120} \checkmark \text{SF}$ $= 2,7 \text{ hours} \checkmark \text{CA}$ Arrival time = 18:20 + 2,7 hours ✓ MCA = 21: 02 She will arrive at 21:02 ✓ CA	1 A correct distance 1SF substitution 1 CA simplification 1MCA adding the times 1 CA arrival time Accept: 09:02 pm (5)	MP L3 M
2.5	Three million, one hundred and thirty six thousand, eight hundred and forty four. ✓✓ A	2 A answer (2)	MP L1 E
2.6	- From Gaborone, drive to Lobatse for 45 km. ✓ A - When you reach Lobatse, turn left. ✓ A - Drive towards the N4; pass Zeerust. ✓ A - Turn left at Rustenburg, drive for 41 km and the next destination is Sun City. ✓ A	1 A Lobatse 1 A Turn left 1 A N4/Zeerust 1 A Rustenburg/41km (4)	MP L2 M
		[19]	









MARKING GUIDELINES

MATHEMATICAL LITERACY

(PAPER 2)

GR12 0626

	$62\text{mm} \div 10 = 6,2\text{cm} \checkmark \text{C}$ $C = 3,142 \times 6,2 \text{ cm} \checkmark \text{SF}$ $= 19,4804 \text{ cm} \checkmark \text{CA}$ $\therefore 19,48 \text{ cm} - 1 \text{ cm} \checkmark \text{MCA}$ $= 18,48 \text{ cm} \checkmark \text{CA}$	1C conversion 1SF substituting in the formula 1CA simplification 1MCA subtracting opening 1CA simplification (5)	
		[24]	



SA EXAM PAPERS

Proudly South African



QUESTION 4		(19 MARKS)	
Q	Solution	Explanation	T&L
4.1	A seating plan is a diagram that indicates where people should sit in the Royal Spa Centre auditorium. ✓✓ D OR A seating arrangement that indicates where people should sit in the Royal Spa Centre auditorium. ✓✓ D	2 D definition (2)	MP L1 M
4.2	Tiered = 192 ✓ RT Stalls = 179 ✓ RT 179 : 192 ✓ CA Accept: 176 ✓ RT : 192 ✓ RT 11 : 12 ✓ CA	1 RT stalls 1 RT tiered seating 1 CA correct ratio format 1 RT stalls 1 RT tiered seating 1 CA correct ratio format AO (3)	MP L2 M
4.3	To accommodate wheelchair users. ✓✓ O	2 O reason (2)	MP L4 E
4.4	$\frac{25\checkmark A}{767\checkmark A} \times 100 = 3,259\% \checkmark CA$ Accept: $\frac{24\checkmark A}{764\checkmark A}$ $= 0,03141361257 \times 100$ $= 3,14136\% \checkmark CA$	1A numerator 1A denominator 1CA simplification NPR 1A numerator 1A denominator 1CA simplification NPR (3)	P L2 E





MARKING GUIDELINES

MATHEMATICAL LITERACY

(PAPER 2)

GR12 0626

4.5	Measured distance on the map = 8,2 cm ✓M 8,2 cm $\times$ 400 ✓MCA = 3 280 cm ✓CA $\div$ 100 = 32,8 m ✓C OR Measured distance on the map = 82 mm ✓M 82 mm $\times$ 400 ✓MCA = 32 800 mm ✓CA $\div$ 1 000 = 32,8 m ✓C	1 M measuring 1MCA multiplying by scale factor 1CA answer 1C conversion 1 M measuring 1MCA multiplying by scale factor 1CA answer 1C conversion Accept: 8,1cm – 8,3cm / 81mm-83mm (4)	MP L3 M
*4.6	$A = \text{length} \times \text{width}$ $144 \text{ m}^2 = 32,8 \text{ m} \times \text{width} \checkmark \text{SF}$ $\text{Width} = 144 \text{ m}^2 \div 32,8 \text{ m} \checkmark \text{M}$ $\text{Width} = 4,39 \text{ m} \checkmark \text{CA}$	CA from QUESTION 4.5 1SF correct substitution 1 M subject of the formula 1 CA answer (3)	M L2 M
4.7	Row U ✓A, it is farthest from the stage, and it has a restricted view. ✓J	1 A correct row 1 J reasoning Accept Row: R, S, T or Q (2)	MP L4 E
		[19]	



SA EXAM PAPERS

Proudly South African




MARKING GUIDELINES
MATHEMATICAL LITERACY
(PAPER 2)
GR12 0626

*5.3.1	$12,5 \text{ cm} \checkmark \text{RT} \times 3 \checkmark \text{MA}$ $= 37,5 \text{ cm}$ OR $12,5 \text{ cm} + 12,5 \text{ cm} + 12,5 \text{ cm} \checkmark \text{RT} \checkmark \text{MA}$ $= 37,5 \text{ cm}$	1RT value of 12,5 cm 1MA multiplying by 3 shelves 1RT value of 12,5 cm 1MA adding 12,5 cm three times (2)	M L2 E
--------	--	---	----------------------


SA EXAM PAPERS

Proudly South African



MARKING GUIDELINES

MATHEMATICAL LITERACY

(PAPER 2)

GR12 0626

5.3.2	$SA = 2(30 \text{ cm} \times 15 \text{ cm}) + 2(30 \text{ cm} \times 40 \text{ cm}) + 2(15 \text{ cm} \times 40 \text{ cm}) \checkmark \text{SF}$ $= 900 \text{ cm}^2 + 2\,400 \text{ cm}^2 + 1\,200 \text{ cm}^2 \checkmark \text{M}$ $= 4\,500 \text{ cm}^2 \checkmark \text{CA} \checkmark \text{U}$	1SF correct substitution into the formula 1M adding the areas 1CA simplification 1U correct unit (4)	M L2 M
5.3.3	$\frac{4\,500 \text{ cm}^2 \times \text{R}12,25}{100 \text{ cm}^2} \checkmark \text{MCA}$ $= \text{R}551,25 \checkmark \text{CA}$	CA from QUESTION 5.3.2 1MCA calculating costs 1CA answer (2)	M TL2 M
		[18]	

TOTAL: 100

SA EXAM PAPERS

Proudly South African