



GRADE 12

JUNE 2026

**MATHEMATICAL LITERACY P2
MARKING GUIDELINE NOTES**

Ques.	Solution	Explanation
1.1.1	Temperature = 250 °F ✓✓RT No unit is fine	2RT correct temperature (2)
1.2.2	A quarter to eight in the morning ✓A ✓A OR Forty five minutes past seven in the morning	2A time in words (2)
2.1.1	Castle Trail	2RT correct trail (2)
2.1.2	Value × 0,6214 but rounds correctly	(1)
2.1.4	Follow what the learner has done. ✓O If learner indicates that Hein is correct ✓O If learner indicates that Hein is incorrect due to the fact that we do not measure in a straight line/ cannot measure as crow flies ✓O	CA from 2.1.2 NB! 1/3 principal as per page 1 of MG
2.2.2	ACCEPT FROM GRAPH: Distance walked on the day = 0,5 km + 12 km = 12,50 km ✓CA Adding only one 250m = 12,25km (3marks)	CA from 2.1.2 1C conversion 1MCA multiply by 2 1M Addition 1CA distance walked (4)
3.1.1	110/2 = 55cm	(1)
3.1.2	If use 70 from 3.1.1 (full marks) If use different value than in 3.1.1 Distance of one rotation = 2 × 3,142 × 70 = 439,88cm ✓CA ∴ 23,7 km × 100 000 = 2 370 000 cm ✓C No. of wheel rotations = $\frac{2\,370\,000}{439,88}$ ✓M = 5387,833 ✓CA ≈ 5388 rotations ✓R	CA from 3.1.1 1CA distance in cm 1C distance in cm 1M dividing correct values 1CA answer 1R rounding
3.1.5	ACCEPT: 32°C ; 32,2 °C	
3.1.6	Probability (green) = $\frac{4}{17}$ ✓A ✓A Accept: 23,53% Or 0,235	

3.2.1	Accept $\frac{3}{2}\checkmark A\checkmark A$	1A correct ratio 1A simplified format (2)
3.2.2	$\begin{array}{l} \checkmark M \quad \checkmark MCA \\ (7,2 \div \frac{3}{2}) \times 2 = 9,6\text{cm} \quad \checkmark CA \\ \\ \text{OR} \\ \checkmark M \quad \checkmark MCA \\ (7,2 \times 2) \div \frac{3}{2} = 9,6\text{cm} \quad \checkmark CA \\ \\ \checkmark MCA \quad \times \\ \text{When } (7,2 \times 2) - \frac{3}{2} \text{ not accepted} \end{array}$	CA from 3.2.1 1M multiply radius with correct fraction 1MCA multiply by 2 1CA answer (3)
4.1.1	<p>NOTE: If learner only adds 2 for both sides:</p> <p>Width = 2,46 ft \times 30,5 cm $\checkmark C$ $\checkmark CA$ = 75,03 cm + 2 cm = 77,03</p> <p>Length = 110 cm + 2 cm = 112 cm $\checkmark CA$</p> <p>\therefore Area of a canvas = 112 cm \times 77,03 cm $\checkmark SF$ = 8627,36cm² $\checkmark CA$</p> <p>IF NOT ADD SIDES:</p> <p>Width = 2,46 ft \times 30,5 cm $\checkmark C$ = 75,03 cm</p> <p>Width: 75,03 Length: 110cm $\checkmark SF$</p> <p>Thus, 75,03 \times 110 = 8253,3 cm² $\checkmark CA$</p>	1C conversion to cm 1CA width 1CA length 1SF substitution 1CA area (5)
4.2.2	82 mm: 246 km $\checkmark RT$ 8,2 cm : 24600 000 cm $\checkmark C$ 1: 3 000 000 $\checkmark CA$ $\checkmark S$	1RT Correct values in correct ratio 1S Simplification 1C converting to the same units 1CA Unit ratio (4)
4.2.3	ROUND TO 20MIN (-1)	
4.2.4	If add 2h 34min from above... Time: 16:24 = full marks	CA from 4.2.3
4.2.6	Stop and go $\checkmark\checkmark A$ OR Not stop along the way OR Do not exceed speed limits	