Ekurhuleni N	orth District Paper – Mathematics Paper 2 Grade Marking Guideline	11 June 2023
	id alternate solutions. curacy applies applies to the whole memo.	
QUESTION I		
1.1 m _{HM} =	$\frac{6-4}{3+1}$ $\frac{1}{2}$	✓ subs into formula ✓ answer
	$= \left(\frac{3+4}{2}; \frac{6+1}{2}\right)$ $= \left(\frac{7}{2}; \frac{7}{2}\right)$	✓Correct Substitution ✓Answer
1.3 $m_{HM} =$ $tan\theta =$ $\theta = 26$	1 2	✓ HM AT ✓ Correct substitution ✓ Answer
	7 2 3	$\frac{\sqrt{\frac{-1+x}{2}}}{\sqrt{8}} = \frac{7}{2}$ $\frac{\sqrt{\frac{4+y}{2}}}{\sqrt{3}} = \frac{7}{2}$
	1 (parallel lines) + c	✓ Sub T (4; 1) ✓ c = -1

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Lauren Gardner

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