

Q	Marking instructions	AO	Marks	Typical solution
4	Obtains one correct value for 3θ or θ Condone missing or incorrect labelling	1.1a	M1	$\tan 3\theta = \frac{3}{2}$ $3\theta = 56.3^\circ, 236.3^\circ, 416.3^\circ$ $\theta = 19^\circ, 79^\circ, 139^\circ$
	Obtains AWR 56, 236 and 416 and no others within the range Condone missing or incorrect labelling	1.1a	M1	
	Divides their solutions for 3θ by 3 to obtain solutions for θ FT their values for 3θ Must be at least 2 solutions for 3θ	1.1b	A1F	
	Question 4 Total		3	