

Q	Marking instructions	AO	Marks	Typical solution
8	Obtains 17	1.1b	B1	$R = 17$ $R \sin \alpha = 15, R \cos \alpha = 8$ $\tan \alpha = \frac{15}{8}$ $17 \cos(x - 61.9^\circ)$
	Obtains a correct equation in α For example $\tan \alpha = \frac{15}{8}$ or <i>their</i> $R \sin \alpha = 15$ or <i>their</i> $R \cos \alpha = 8$	1.1a	M1	
	Obtains $17 \cos(x - 61.9^\circ)$ AWRT 61.9 Condone missing units.	1.1b	A1	
	Question 8 Total		3	