

Question		Answer	Marks	AO	Guidance
3		$\tan\theta = \frac{9}{5}$	M1	1.1	may be implied by eg $\theta = \tan^{-1}\left(\frac{9}{5}\right)$
		60.9°, 241°	A1	1.1	also accept $\sin^2\theta = \frac{81}{106}$ or $\cos^2\theta = \frac{25}{106}$ oe
		isw			NB 60.9453959009; condone awrt 60.9, 241
					if M0 allow SC1 for both values unsupported correct to 3 sf
					no other solutions within range allowed ignore additional solutions outside of range $0 < \theta < 360$
			[2]		