

Question	Answer	Marks	Guidance
2	$\cos\left(\frac{\pi}{6}\right) + \tan 2x + \frac{\sqrt{3}}{2} = 0 \Rightarrow \tan 2x = -\sqrt{3}$	M1	Making $\tan 2x$ the subject. $\tan 2x = 0$ is M0. Accept decimals and one sign error.
	$\Rightarrow 2x = -\frac{\pi}{3} \Rightarrow x = -\frac{\pi}{6}$	A1	May come from non-exact working. Ignore answers outside the given range.
		2	