3	(a)	Show that the equation
		$5\cos\theta - \sin\theta\tan\theta + 1 = 0$
		may be expressed in the form $a\cos^2\theta + b\cos\theta + c = 0$, where a, b and c are constants to be found.
	(b)	Hence solve the equation $5\cos\theta - \sin\theta\tan\theta + 1 = 0$ for $0 < \theta < 2\pi$. [4]

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