5	(a)	Show that the equation
		$4\sin x + \frac{5}{\tan x} + \frac{2}{\sin x} = 0$
		may be expressed in the form $a \cos^2 x + b \cos x + c = 0$ , where $a$ , $b$ and $c$ are integers to be found. [3]
	<b>(b)</b>	Hence solve the equation $4 \sin x + \frac{5}{\tan x} + \frac{2}{\sin x} = 0$ for $0^{\circ} \le x \le 360^{\circ}$ . [3]

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