Question	Answer	Marks	Guidance
	$B(300, \frac{1}{5}) \rightarrow N(60,48)$	**B1**	SOI
	$\dfrac{45.5 - 60}{\sqrt{48}}$	**M1**	Condone with wrong or no continuity correction
	$= -2.093$	**A1**	
	'2.093' > 1.96	**M1**	Valid comparison Note: $\phi('-2.093')$ (= 0.0182), 0.0182< 0.025
	[Evidence to reject H_0] There is evidence that P(landing on blue) $\neq \frac{1}{5}$	**A1 FT**	Allow 'There is evidence that the spinner is biased.' In context, not definite, no contradictions Condone critical values method (critical value 46.42 M1 A1 and 45.5 < '46.42' M1 for valid comparison A1 for correct conclusion)
			SC: 0.0182 unsupported: 0.0182 < 0.025 And there is evidence that the spinner is biased. In context, not definite B1 only
		5	