Notes		
(a)	**B1:**	0.01
(b)(i)	**M1:**	Finding the CR using the Normal distribution must have $1.5 < \|z\| < 3.5$
	A1:	A correct equation in the form $k = \ldots$ and for use of awrt 2.326 (implied by awrt 0.46526 or awrt 0.46527)
	M1d:	Dependent on previous M being awarded. Standardising using their k and equating to a z value $1.5 < \|z\| < 3$ to form an equation to able n to be found. May use = rather than $>$
	A1ft:	Ft their k for a correct equation with awrt 1.645
	M1d:	Dependent on previous M being awarded. Isolating $\sqrt{n}$ or squaring both sides leading to a value for n. Condone $n = 7.9424$
	A1cso:	64 with correct working
(ii)	**B1:**	Suitable comment

ALT (b)(i)	$\dfrac{k-14.9}{\frac{0.2}{\sqrt{n}}} = 1.6449$	M1	3.4
	$k = 14.9 + \dfrac{0.32898}{\sqrt{n}}$	A1	1.1b
	$\dfrac{"14.9 + \frac{0.32898}{\sqrt{n}}" - 15}{\frac{0.2}{\sqrt{n}}} > -2.3263$	M1d A1ft	3.4 1.1b
	$\dfrac{0.79424}{\sqrt{n}} < 0.1 \quad \sqrt{n} > 7.9424$ oe	M1d	1.1b
	$n = 64$	A1cso	2.1
		(6)	