5	Question 2 5 page 391 encesise 8
0	5 page 391 encesise 8
	$\left(-\overline{Z}_{a_1} - \frac{\overline{X} - \mu}{5/\overline{m}} - \overline{Z}_{a_2}\right) = 1 - \alpha$
	P(-Za; \(\frac{\pi}{\sigma_n} \) = \(\frac{\pi}{\sigma_n}\) = \(1-\alpha\)
	multiplying both -Za, \$ Za, by o
	P(-Za, o - X G-M L Zazo - X)
9_	CLAZZ STAND
	$P\left(Z_{\alpha_{1}} = + \overline{X} > M > - Z_{\alpha_{2}} = + \overline{X}\right) = 100(1-\alpha)$
465	our general formula for 100(1-x)
50405	is $f\left(\overline{Z}_{\alpha}, \frac{5}{\sqrt{n}} + \overline{\chi}, \frac{-2\alpha}{\sqrt{2}}, \frac{5}{\sqrt{n}} + \overline{\chi}\right)$
	$= \beta(X - Z\alpha_2 \frac{\sigma}{\sqrt{n}}, \overline{\chi} + Z\alpha_1 \frac{\sigma}{\sqrt{n}})$
0	

$ \begin{array}{cccccccccccccccccccccccccccccccccccc$	75	
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$= 3.92 \sigma$ $= 3.92 \sigma$ $= 3.92 \sigma$ $= 2\alpha_2 \sigma$ $= 2\alpha_2 \sigma$ $= 2\alpha_3 \sigma$ $= -1.78 \sigma$ $= -1.78 \sigma$	0	
hence with the general formula intervals.  100(1-\alpha) gives a wider, in the Spe	04	
formula.	7	19 200