	Assignment Page
Oul	1) to a quant test of the CAT exam the population standard
74.	deviation is known to be 100. A sample of 25 tests taken
	has a mean of 520. Construct an 80%. CI about the mean
Aus	0 = 100 CI = 80 /
	$\frac{\gamma}{2} = 520 \qquad \forall = 1 - C\Gamma$
	= 1-0.8 = 0.2
	2 - 0.2
	2 test
	Z rsar
	$\frac{2}{4} + \frac{7}{4} + \frac{7}{4} + \frac{7}{4} = \frac{7}{4} = \frac{7}{4} + \frac{7}{4} = \frac{7}$
	12 Vn
	Higher fense CI = 80-1.
	Higher fence $\overline{\chi} + \overline{\chi} = 0.1$ $\overline{\chi} + \overline{\chi} = 0.1$ On 0.1
	\sqrt{n}
	520 + 20,2 100 1-0.1 = 0.9
	$\frac{520 + 2_{0.2} + 200}{2 \sqrt{25}}$
	2 value = 1.29
	CAN L D 100
	520 + 2 100 0.1 Jas
	520 + 1.29 × 20
	520+25.8
	=> 545.8
$- \parallel$	Lower fense
	$= \overline{\chi} - 2_{\frac{1}{2}} \sqrt{\eta}$
\perp	
	$=$ $520 - 1.29 \times 20$
	Lower fense = 494.2
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