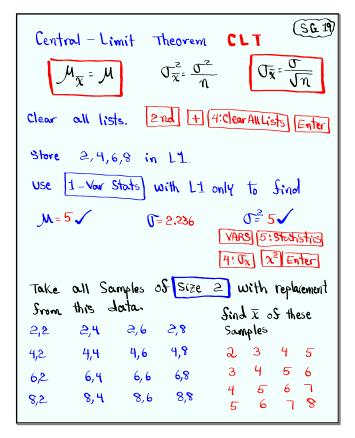
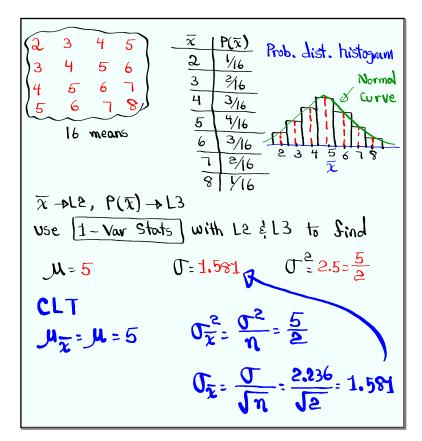


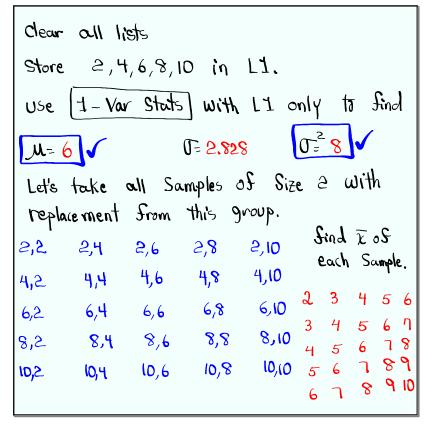
Feb 19-8:47 AM

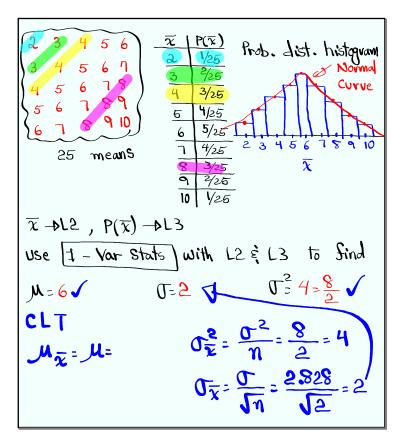


May 2-8:08 AM



May 2-8:18 AM





May 2-8:36 AM

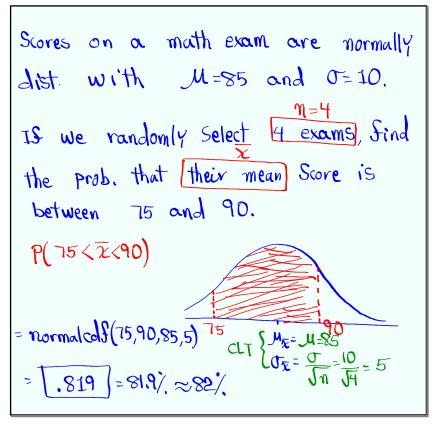
Consider a normal Prob. dist with M=88 and T=12. Suppose we take all Samples of Size 4. $M_{\overline{\chi}} = M = 88$ $T_{\overline{\chi}} = \frac{12}{74} = \frac{12}{2} = 6$ $T_{\overline{\chi}}^2 = \frac{\sigma^2}{m} = \frac{12^2}{4} = 36$ CLT $\sqrt{\frac{12}{3}}$ Salaries of nurses are normally distributed with the mean of \$7400/mo. and Standard deviation of \$600/mo.

If we take all Samples of 16 nurses,

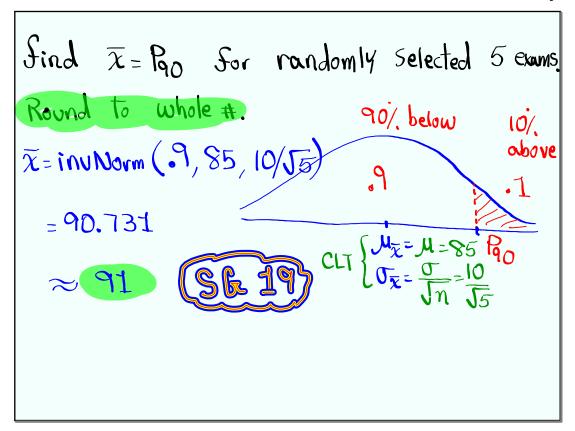
1) find $M_{\chi} = M = 7400$ CLT

2) Sind $M_{\chi} = M = 7400$

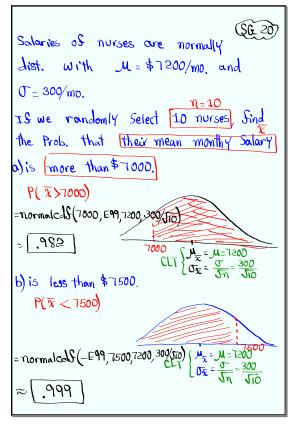
May 2-8:49 AM



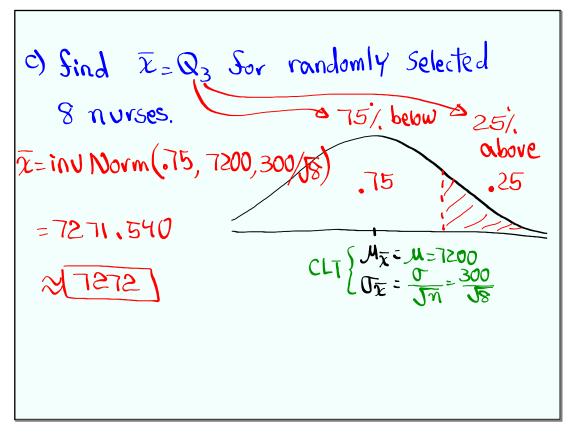
May 2-8:53 AM



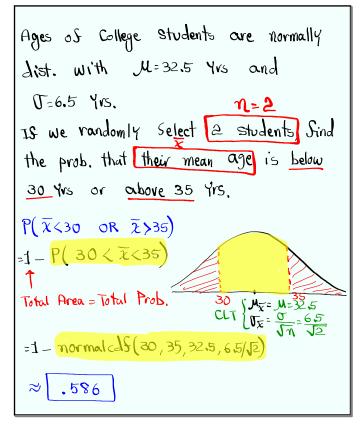
May 2-8:59 AM



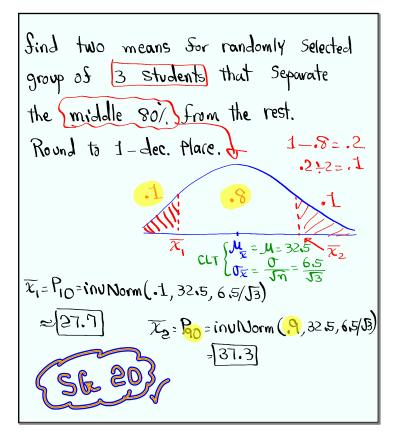
May 2-9:18 AM



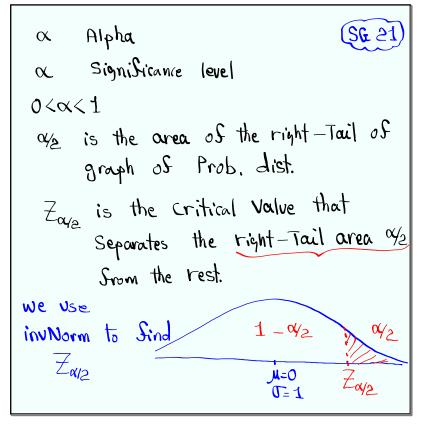
May 2-9:27 AM



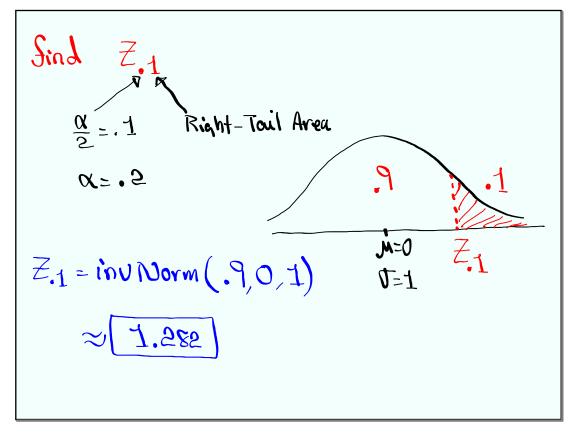
May 2-9:31 AM



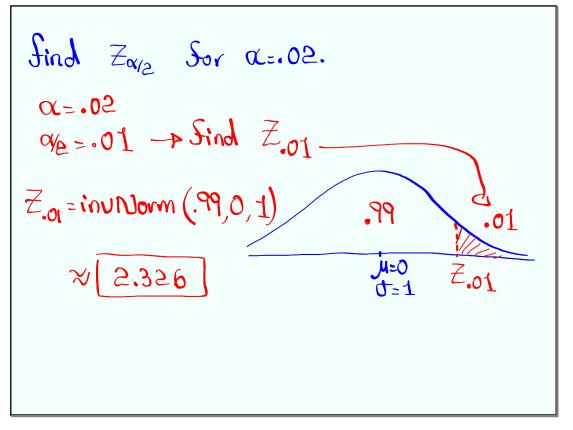
May 2-9:39 AM



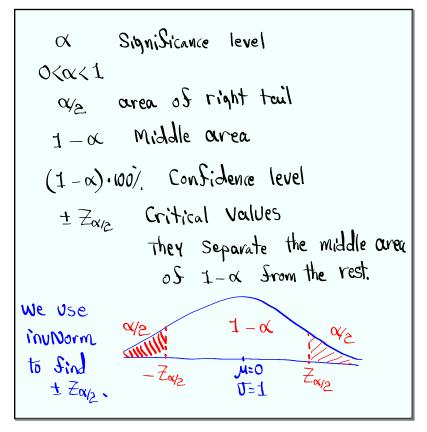
May 2-9:47 AM



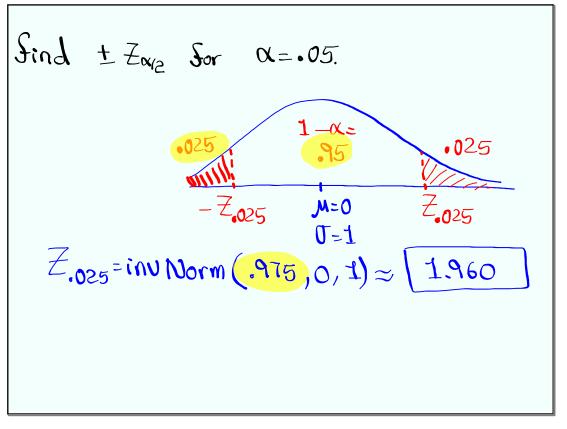
May 2-9:54 AM

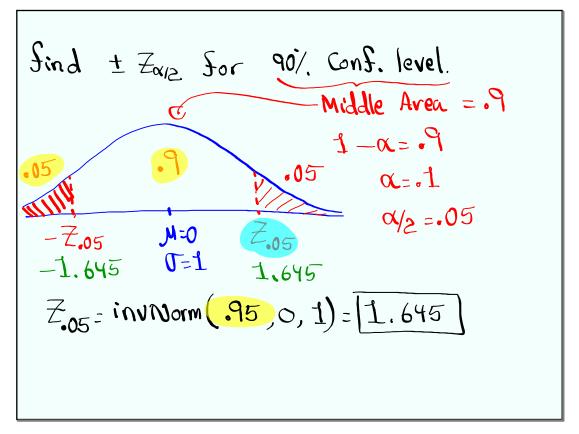


May 2-9:57 AM

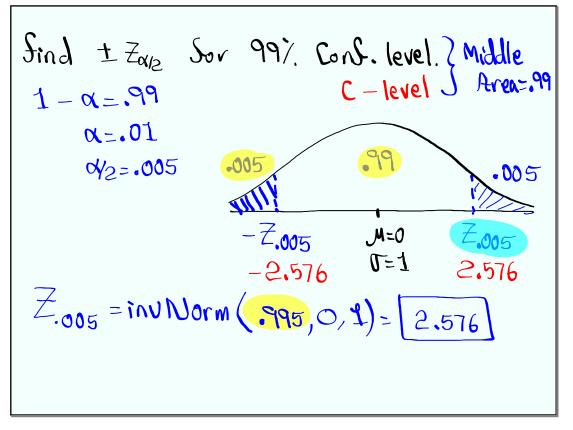


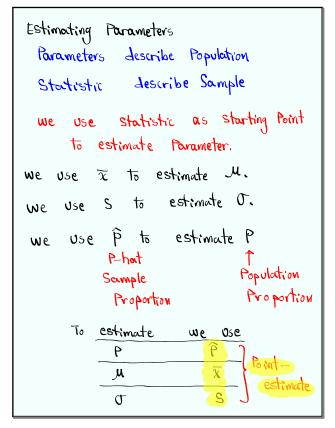
May 2-9:59 AM





May 2-10:07 AM





May 2-10:26 AM

when estimating parameters, the answer

will be range of Values

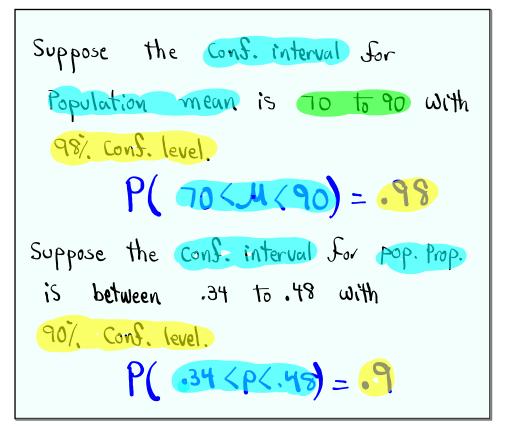
Considence Interval

Probability that the parameter falls

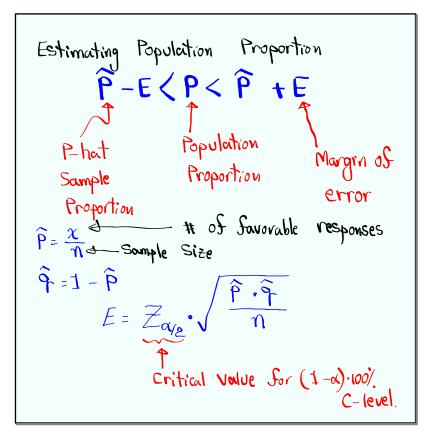
within the Considence Interval

is called Considence level.

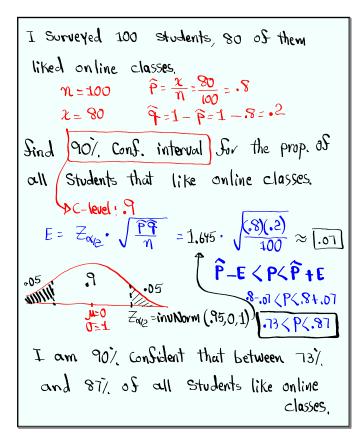
Middle Area



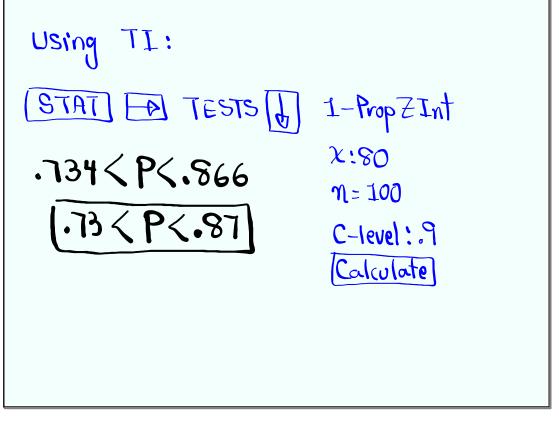
May 2-10:34 AM



May 2-10:38 AM



May 2-10:43 AM



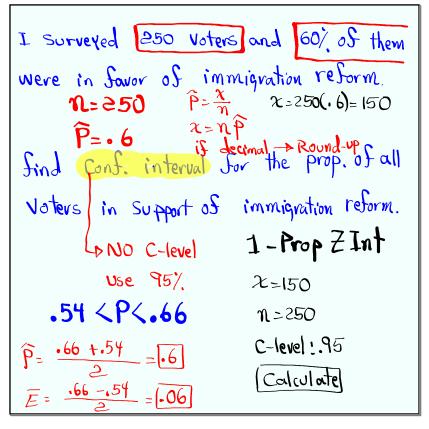
I surveyed 80 Students, 12 were Smokers.

$$N = 80$$
 $x = 12$

Sind 99% , Cons. interval for the prop. of all Students that are Smokers.

 $C = 12$ $C = 12$

May 2-10:55 AM



May 2-11:01 AM