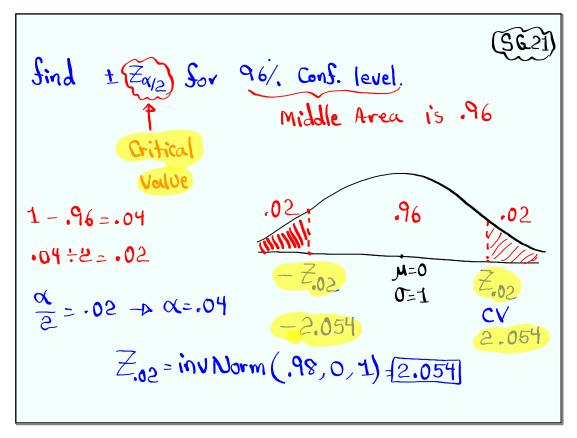
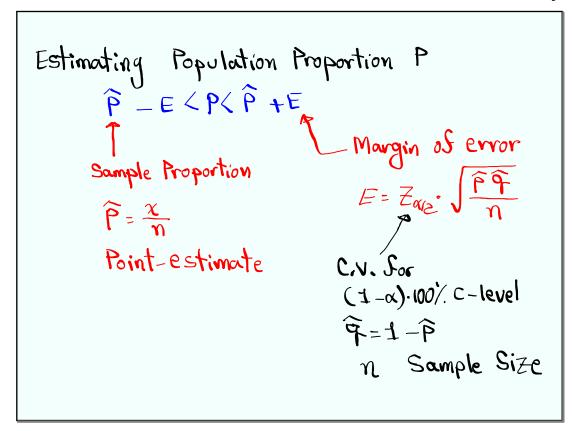


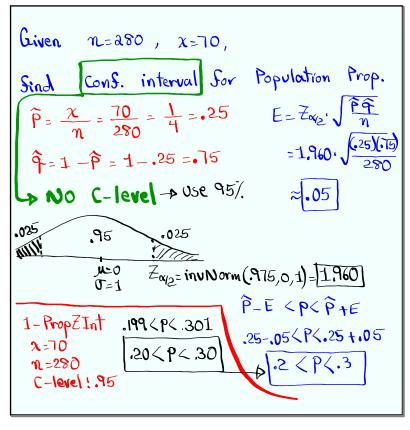
Feb 19-8:47 AM



May 9-8:03 AM



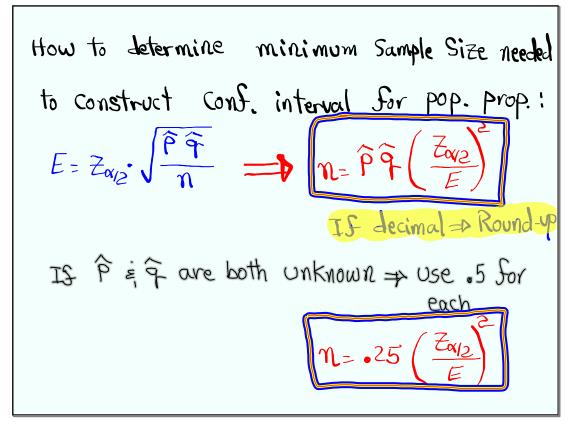
May 9-8:08 AM

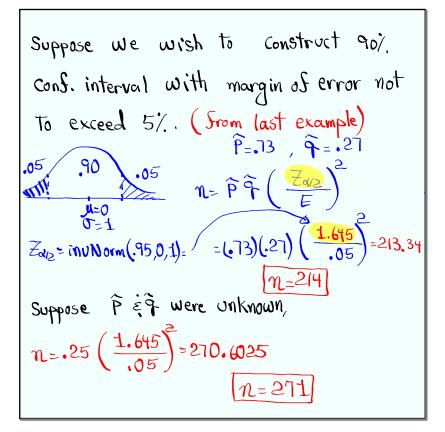


May 9-8:11 AM

In a Survey of 275 Students, 73% of them were driving alone to campus. 
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May 9-8:19 AM





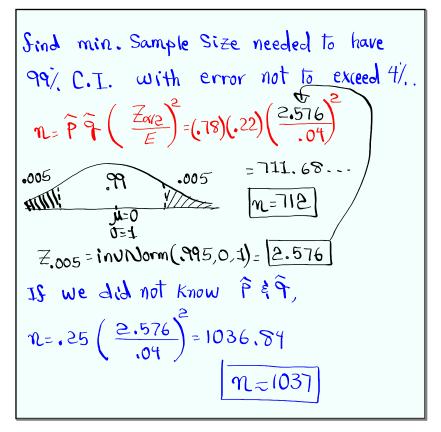
May 9-8:32 AM

I Surveyed 320 students and 78% of them were using Tik Tok. 
$$\chi = n\hat{p}$$
 = 320(.78) = 320(.78) = 249.6

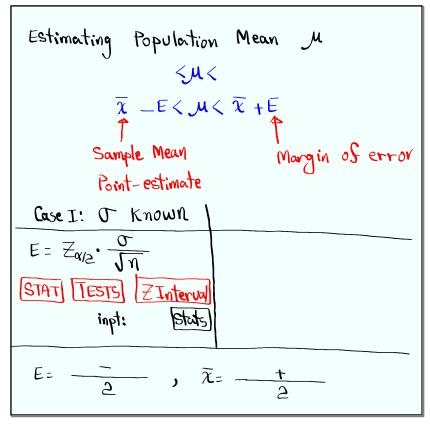
Find 98% Conf. interval for the prop. of all Students using Tik Tok.

PC-level: 98 1-Prop ZInt .73 < P<.84

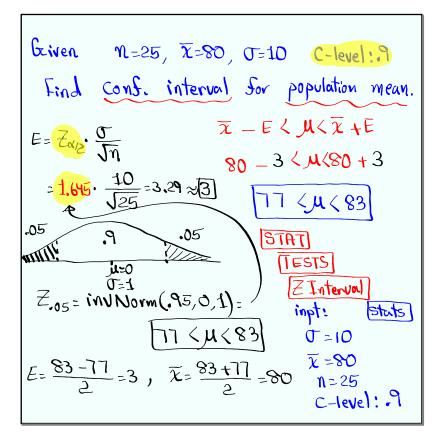
 $E = \frac{84 - .73}{2} = .055$ 
 $\hat{p} = \frac{.84 + .73}{2} = .785$ 



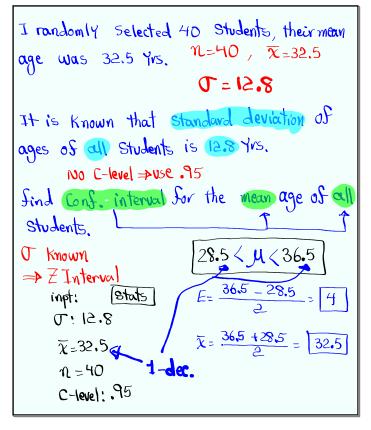
May 9-8:49 AM



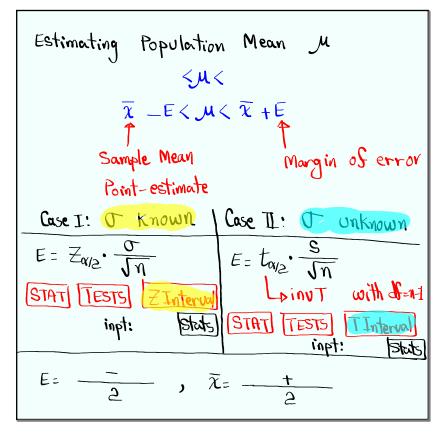
May 9-9:11 AM



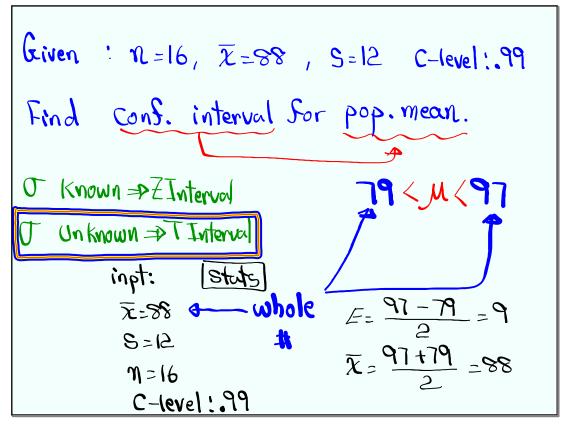
May 9-9:16 AM



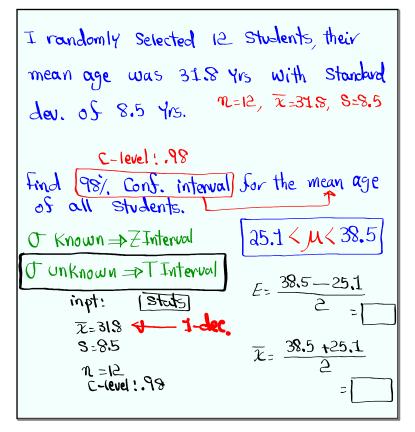
May 9-9:24 AM



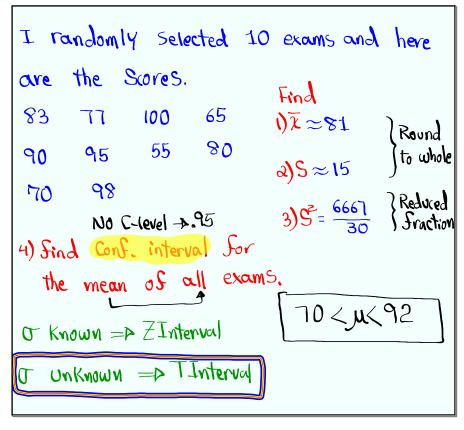
May 9-9:11 AM

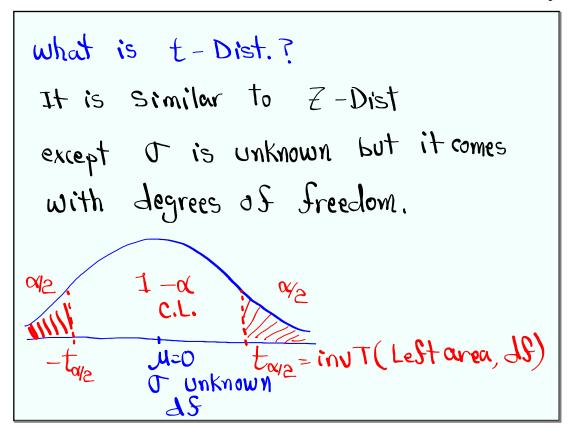


May 9-9:37 AM

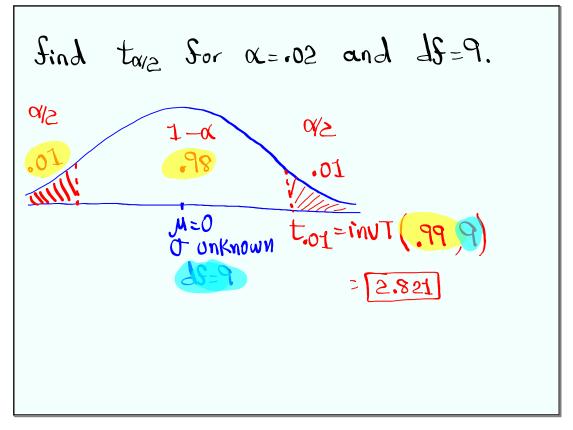


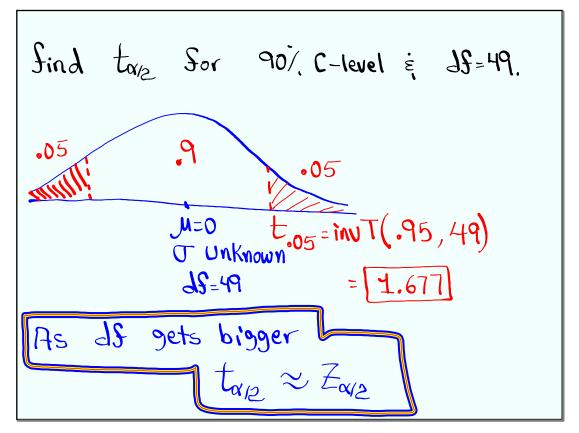
May 9-9:42 AM





May 9-9:59 AM





May 9-10:06 AM

```
what is degrees of Freedom?
      You Find 25 by topic.
17 Students
                  Max -> 17 choices
I bring 17 donuts. George -> 16 "
Alexis -> 15 "
   Sf=17-1=[6]
                     Kaytie
                               1 Donut
Daniel has 7 clean shirts.
He wears one clean shirt per day.
 Monday -> 7 choices
                        J=7-1=16
 Tuesday ->6 =
  Wednesday -> 5 =
   Sunday - O choices
               Only 1 clean short
```

May 9-10:10 AM

How to determine minimum Sample Size

needed when working with pop. mean:

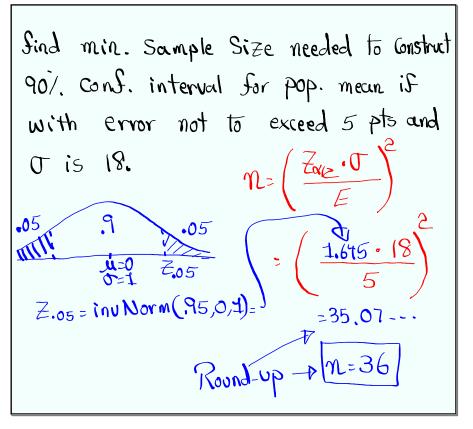
$$E = \frac{Z_{\alpha | 2}}{\sqrt{N}} \Rightarrow N = \left(\frac{Z_{\alpha | 2}}{E}\right)^{2}$$

if decimal \$\int \text{Round-up}\$

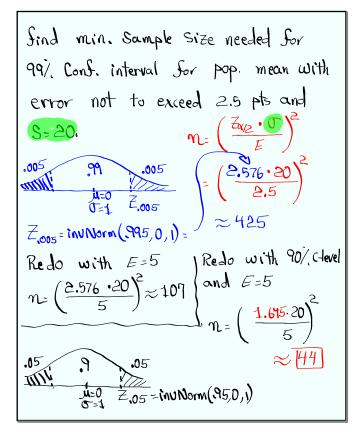
If \$\sigma \text{ is unknown, use S in its Place.}

$$N = \left(\frac{Z_{\alpha | 2}}{E}\right)^{2}$$

May 9-10:30 AM



May 9-10:33 AM



May 9-10:38 AM

