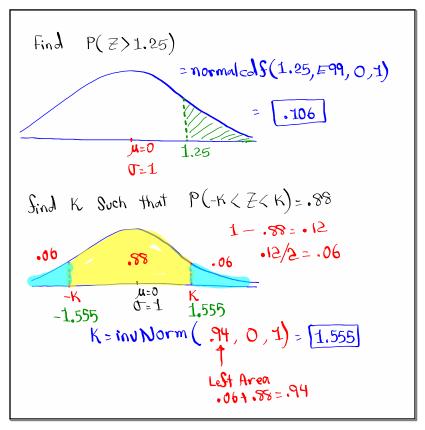
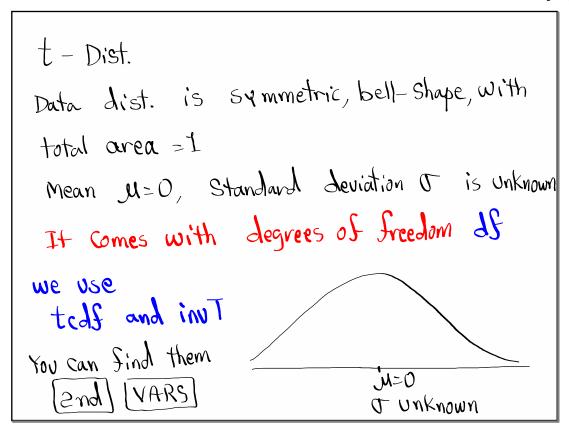


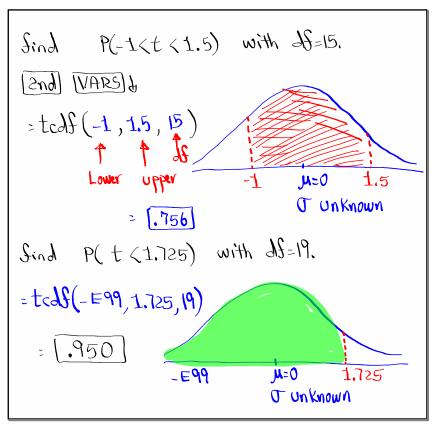
Feb 19-8:47 AM



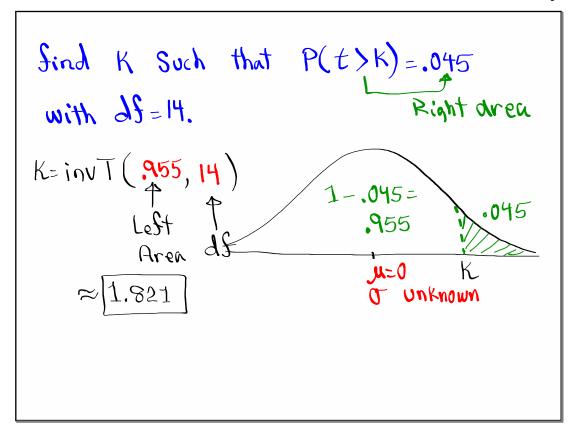
Feb 8-4:31 PM



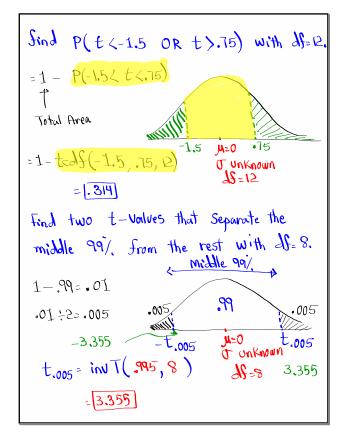
Feb 8-4:37 PM



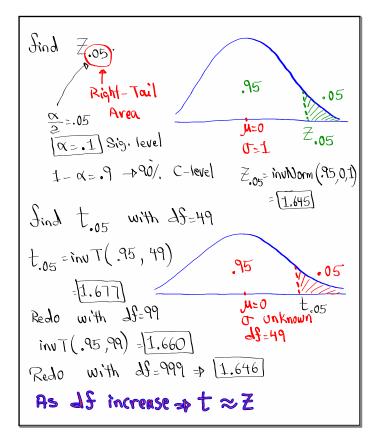
Feb 8-4:40 PM



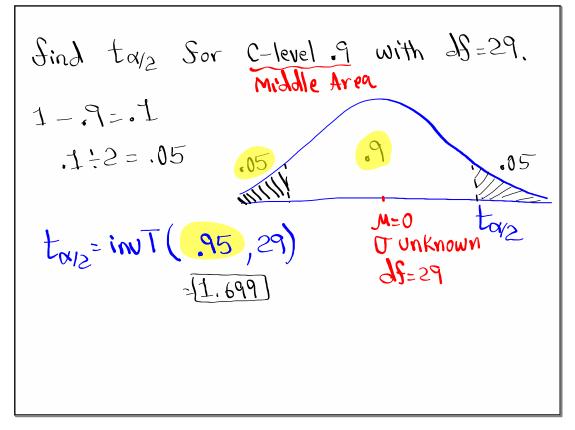
Feb 8-4:46 PM



Feb 8-4:50 PM



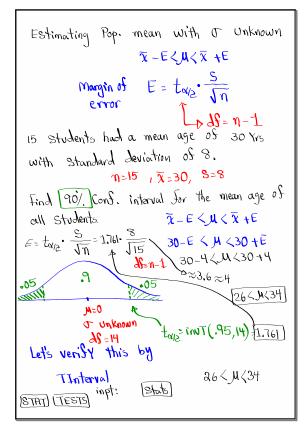
Feb 8-4:58 PM



Feb 8-5:06 PM

```
What is degrees of Freedom?
    It varies by topic.
       25 Donuts
                    has 25 choices,
         Stephanie
          YSSI
24 people
          Adit
had choices
  df=24
           Michael
                           0 choices
                    has
                             (1 Lonut left)
          (Last Person)
I have 7 clean T-shirts.
  Monday 7 choices.
  Tuesday
   wed.
             O choices
   Sunday
             (1 clean T-Shirt)
```

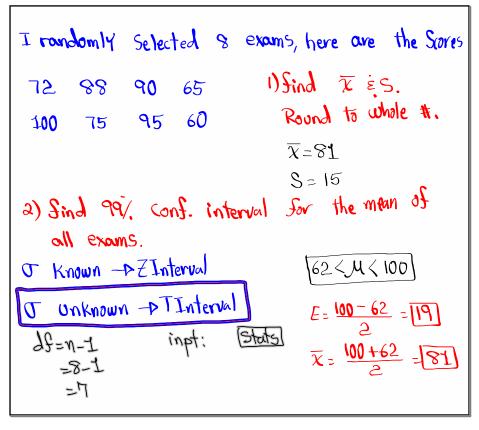
Feb 8-5:09 PM



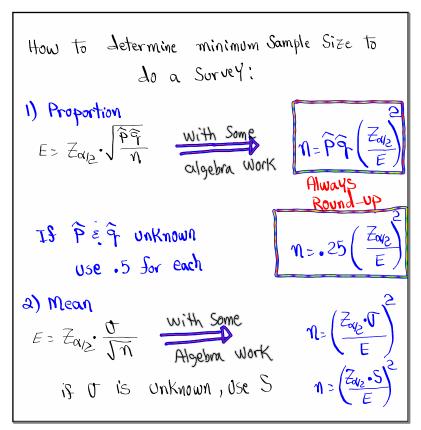
Feb 8-5:16 PM

```
10 randomly Selected nurses had a mean
monthly Salary of $6750 with Standard
                          M=10,
 deviation of $450.
                            \overline{x} = 6750
Find Conf. interval for 8=450
the mean monthly salary for all nurses,
4 NO C-level \overline{\chi} = E < \mu < \overline{\chi} + E
  ->use .95
                 6750-322< M < 6750 + 322
                         6428 < M < 7072
 = 2.262. 450 = 322 verify with
                          TInterval
                  ta/2=inVT (.975,9)
         J Unknown
          Af=n-1 =10-1=9 = 2.262
```

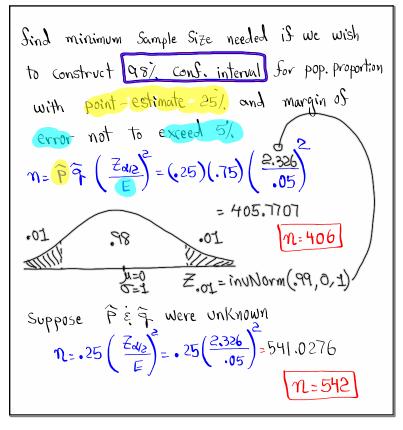
Feb 8-5:26 PM



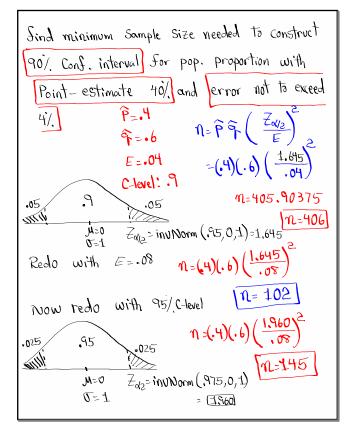
Feb 8-5:36 PM



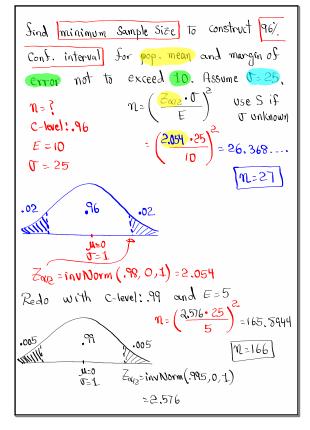
Feb 8-5:42 PM



Feb 8-6:03 PM



Feb 8-6:12 PM



Feb 8-6:24 PM

Given [C-level:.88],
$$E=5$$
, $S=10$

Find minimum Sample Size to construct construct construct S interval for Pop. mean.

$$\eta = \left(\frac{Z_{N/2} \cdot 0}{E}\right)^{2} \quad \text{if } \quad \text{unknown } -\text{AUSe } S$$

$$\eta = \left(\frac{Z_{N/2} \cdot 0}{E}\right)^{2} \quad \text{in } = \left(\frac{1.555 \cdot 10}{5}\right)^{2} = 9.6721$$
.06

$$U=1 \quad Z_{N/2} = \text{in NNorm}(.94,0,1)$$

Feb 8-6:34 PM

Poisson Prob. List.

It is on a Sixed interval

Mean
$$\mu$$
 is given for that Sixed interval.

 $T^2 = \mu$
 $P(x =) = Poisson pdf$
 $T = \sqrt{T^2}$
 $P(x \le) = Poisson Cdf$
 $P(x \ge) = 1 - Poisson Cdf$

```
Alisa gets 36 Students in overage per day

For advising

U = 36

U = 36

Usual Range

U = 36 \pm 26

Usual Range

U = 36 \pm 12 \Rightarrow 24 \pm 548

P(she gets exactly 36 per selected day)

V = 36 = 70

P(x=36) = PoissonPals(36,36) \approx 60

P(she gets less than 40 Students)

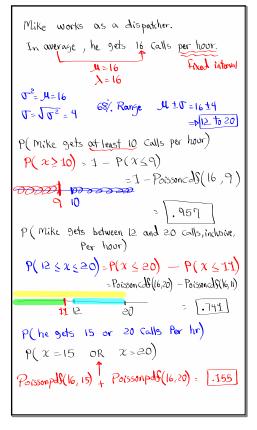
V = 36

P(x<40) = V = 76

Poisson calf(36,39)

V = 726
```

Feb 8-6:42 PM



Feb 8-6:48 PM