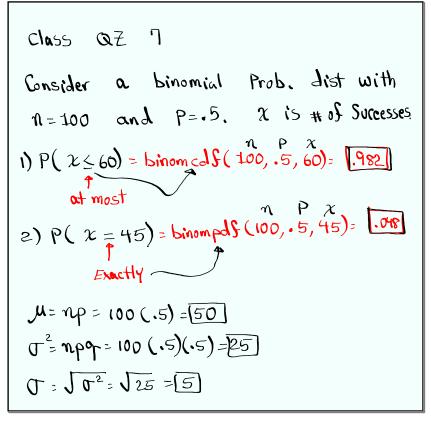
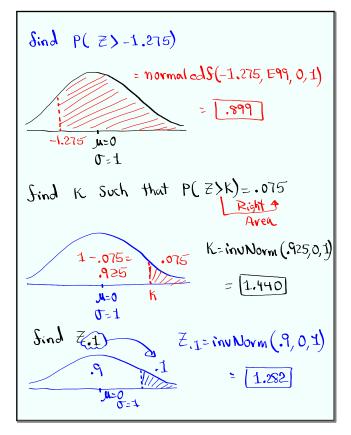


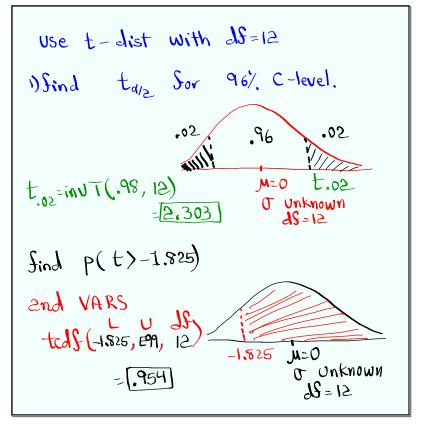
Feb 19-8:47 AM



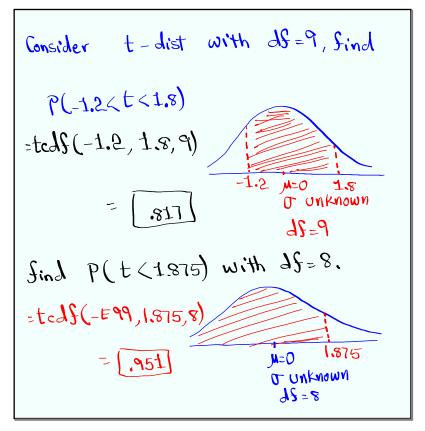
Jul 22-6:58 PM



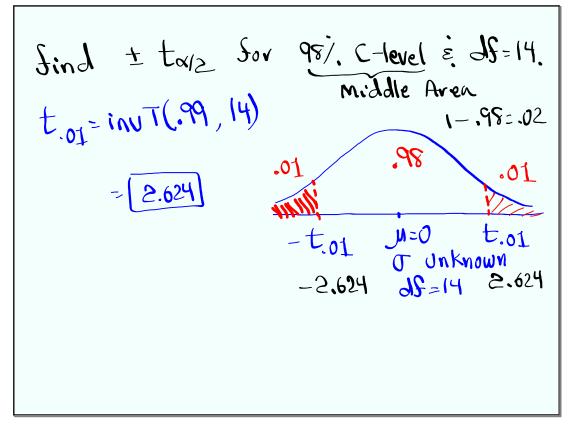
Jul 23-4:35 PM

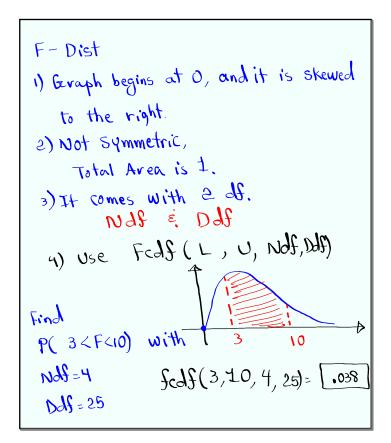


Jul 23-4:41 PM

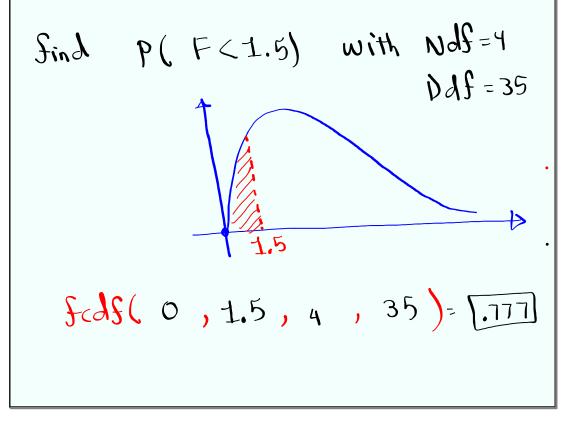


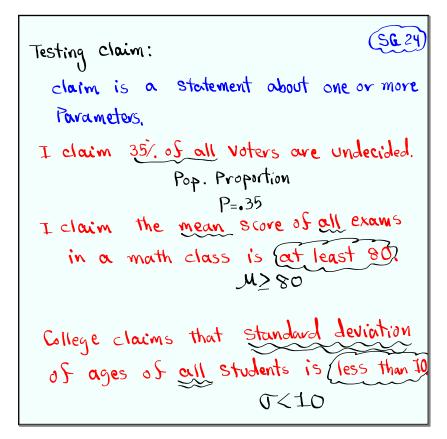
Jul 23-4:47 PM





Jul 23-4:57 PM





Jul 23-5:53 PM

why do we need to test a claim?

We want to know is claim is

Valid or invalid.

The claim is valid, we support it.

If claim is invalid, we reject it.

Possible errors:

Claim is Valid but we reject it.

claim is invalid but we fail-to-reject it.

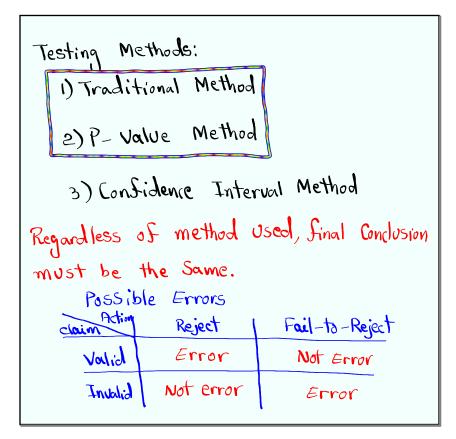
When testing Process is Complete,

our Sinal Conclusion should be

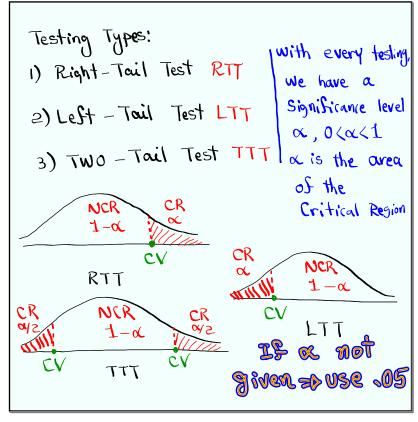
Reject the claim OR FTR the

(claim is invalid) (claim is valid)

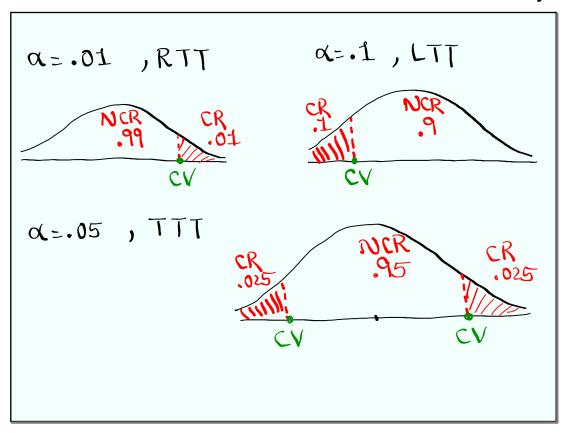
Jul 23-5:57 PM



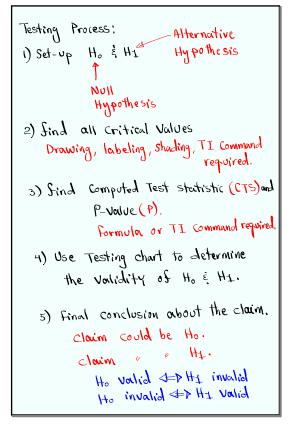
Jul 23-6:03 PM



Jul 23-6:09 PM



Jul 23-6:16 PM



Jul 23-6:19 PM

```
More on Ho & H1:

Ho must contain = Sign. = , > , <

H1 Cannot have = Sign. # , < , >

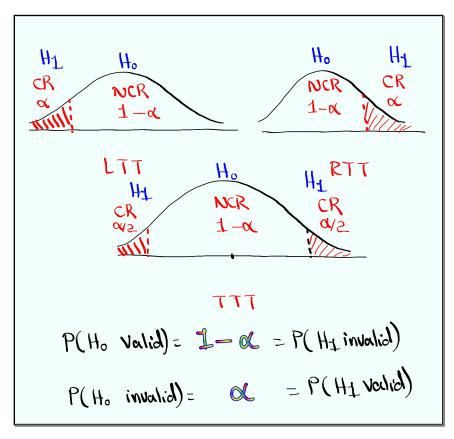
Key words Sor Ho:

is, equal, at least, at most, ...

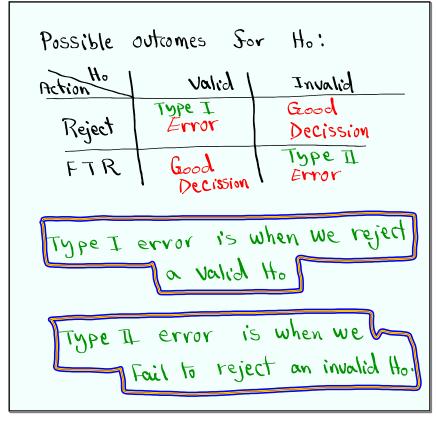
Key words Sor H1:

not equal, not, different, more than,
less than, below, above, exceed, ...
```

Jul 23-6:26 PM



Jul 23-6:33 PM



Jul 23-6:38 PM

CNN claims that 30%, of all voters ove undecided.

Ho: P=.3 claim

H1: P+.3 TTT

College claims that the mean age of all

Students is below 32.5 Yrs.

M(32.5

Ho: M>32.5

Hy: M (32.5 claim, LTT

Jul 23-6:44 PM

LA Times has an article and it Says

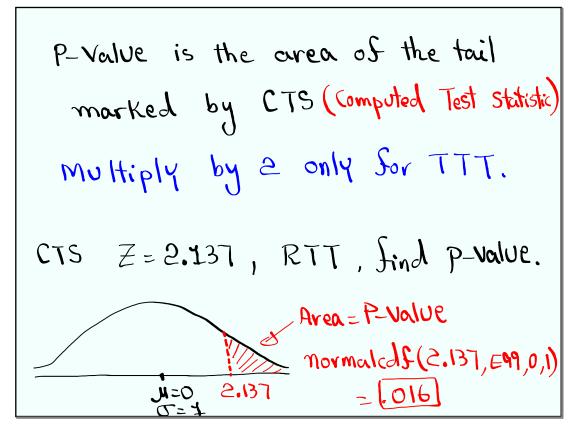
Standard deviation of Salaries of

all nurses in LA County is

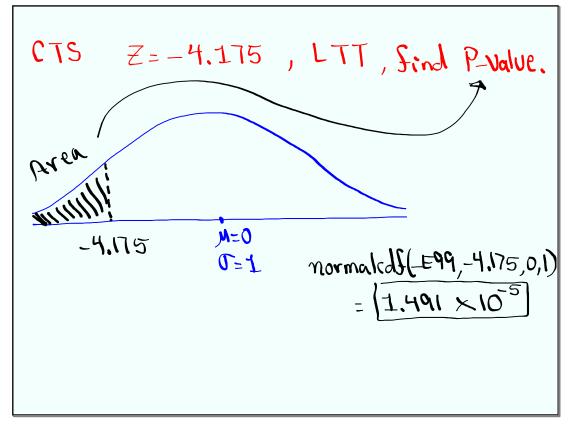
more than \$500.

T)500 Ho: $T \le 500$ H1: T > 500 claim,

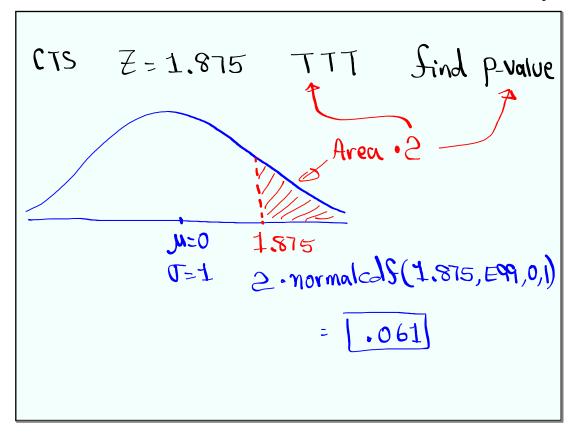
RTT



Jul 23-6:51 PM



Jul 23-6:54 PM



Jul 23-6:57 PM

Class QZ 8

Consider a geometric Prob. dist with
$$P=.4$$

TI Command required.

1) $P(x < 4)$
 $= P(x \le 3) = geometrds(.4,3) = .784$

2) $P(x = 3) = geometrds(.4,3) = .144$