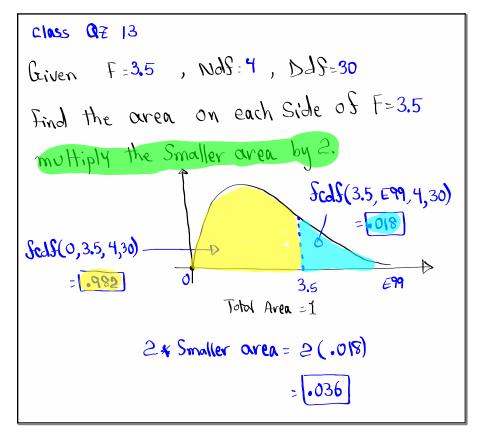
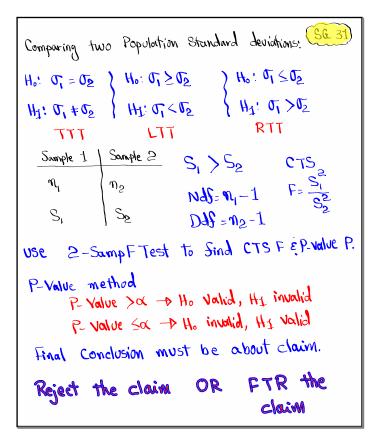




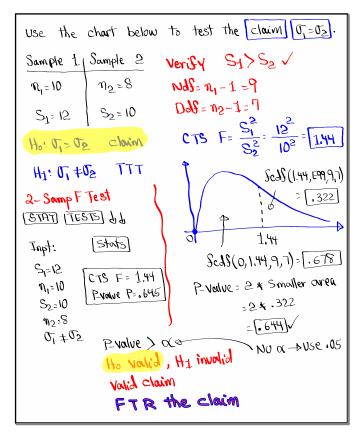
Feb 19-8:47 AM



May 17-8:23 AM



May 18-7:32 AM



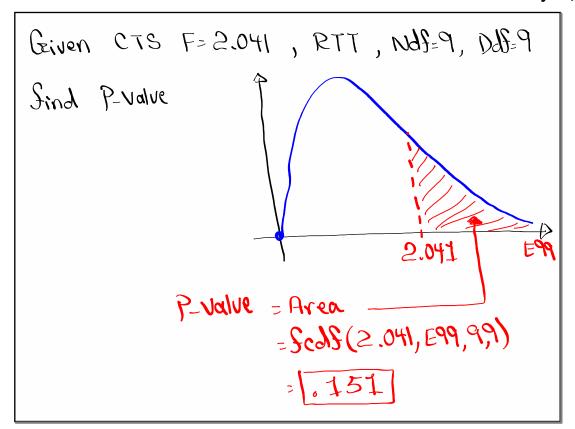
May 18-7:41 AM

```
Given
 Females: n=12, S=9 ) which group becomes
           n=15, S=5 Sample 1? Remember S_{1}>S_{2}
  Males:
Test the claim that two pop. Standard deviation
                                Females | Males
 are not equal using \az.02.
                                 n,=12/n2=15
Ho: 5 = 5
                                 S=9 \S2=5
               claim
H; 0, + 12
                                    S,> S2
 2-Samp F Test
              Stats
   inpt:
               CTS F= 3.24
   S1=9
    U1 ≥ 15
               P-value P=.042
                               Ho Valid
    S2:5
               P-value > a >
                               Hy invalid
     N2:15
                        .02
                 540.
                                Invalid claim
     J + J2
                                Reject the
IS I choose TS I choose 
                                 clouin.
         P-value < 0
 then
          Ho invalid, HI Valid
                      Valid claim >>FTR the
                                    claim
```

May 18-7:51 AM

```
Morning class: N=10, \overline{\chi}=80, S=7
Evening class! n=10, \overline{\chi}=85, S=10
1) which class becomes Sample 1? Why?
            Evening class because greater S
      Evening | Morning
       M = 10
                  n=10
        S=10
                   S = 7
a) use \alpha=1 to test the claim that \sigma_1 > \sigma_2
                               2-Samp F Test
 Ho! of ≤ Je
                                inpt [SHATS]
Hy: 07 > 02 claim, RTT
                                5,=10
                                 n,=10 N&=n,-1=9
    CTS F= 2.041
                                 T:58
     P-value P=.151
                                  N2=10 DB=N2-1=9
    P- Value > X
                                  \sigma_1 > \sigma_2
      .151
    Ho valid HI invalid >> Invalid claim >> Reject
If we choose $ = .16, .17, .18, ..., .2, ...
then P-value \leq \alpha, Ho invalid available the claim the claim
                                       the claim
```

May 18-8:03 AM



May 18-8:14 AM

