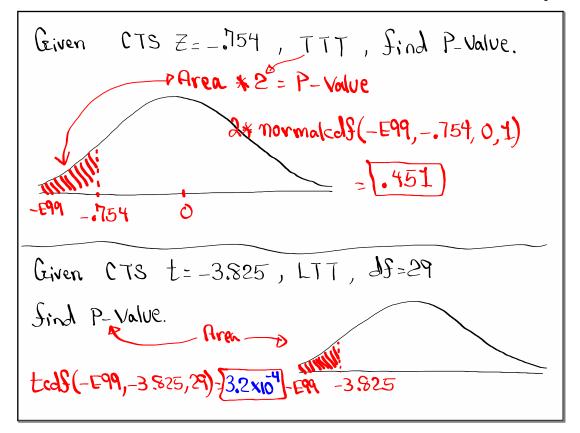


Feb 19-8:47 AM

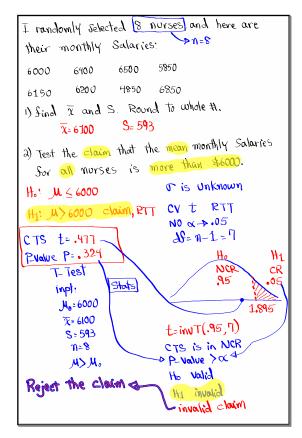
LA Times has reported that 20% of all nurses P=.2 claim have a second job. Т Ho In a survey of 275 norses, 18% of them had a $\hat{p} = .18$ - $\chi = n\hat{p} = 275(.18) = 49.5$ $\chi = 50$ N=275 Second job. use this survey to determine the validity of the No a -> use .05 report. ZTTT x=.05 CV Report $H_0: P = 0.2$ HONCR HICR CR H1: P+.2 TTT .95 .025 .025 -1.960 1.960 CTS Z = -.754 Z= inNNorm(.975,0,1) P-Value P=.451~ Ø CTS is in NCR Ho Valid 1-PropZTest > P-value > x Hy invalid P= 2 2=50 Valid Report => n=275 Prop = Po



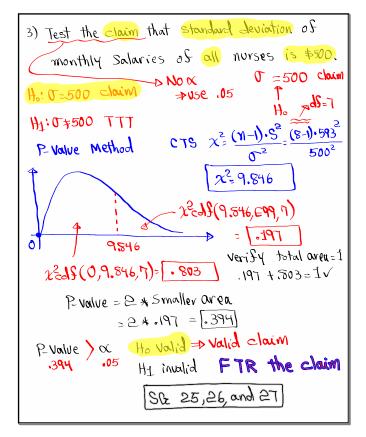
May 17-7:27 AM

Department of Health Services claims that the mean age of all nurses is at most 48.5 Yrs. Ho _____ M < 48.5 claim I randomly Selected 28 norses, and their mean n=28 age was <u>54.5</u> Yrs. $\overline{\chi}$ =54.5 It is known that Standard deviation of ages of all nurses is 9.8 Ws. 5 =9.8 Test the claim using \$2.01. Since of is known H.: U < 48.5 ctaim $CV \neq RTT \propto -.01$ H1: 1248.5 RTT H. H1 CTS Z= 3.240 -NCR CR P-Volve P=5.983×104 .01 .99 Z-Test 2.326 Stats Inpt: Z=invNorm(.99,0,1)M: 48.5 CTS is in CR Ho invalid 0-9.8 P-value $\leq \alpha \stackrel{\Rightarrow}{\to} H_1$ valid 2=54.5 Invalid claim n=28 M<M. Reject the claim

May 17-7:33 AM

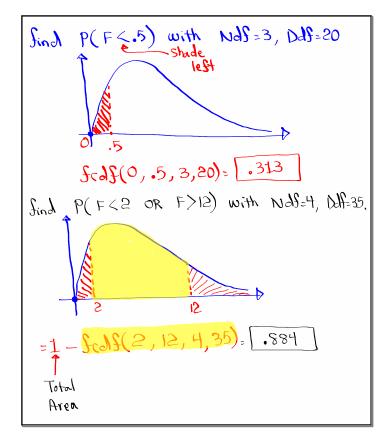


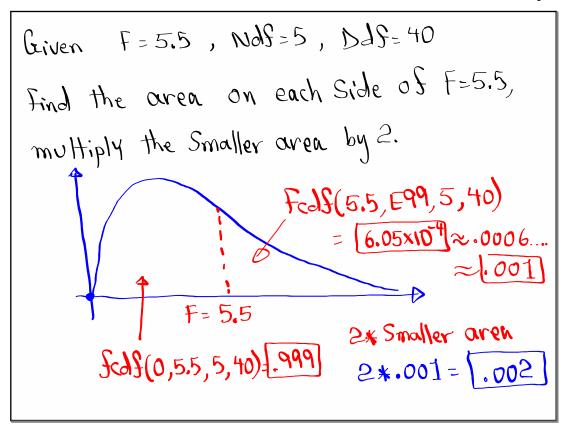
May 17-7:48 AM



May 17-8:01 AM

May 17-8:12 AM





May 17-8:23 AM