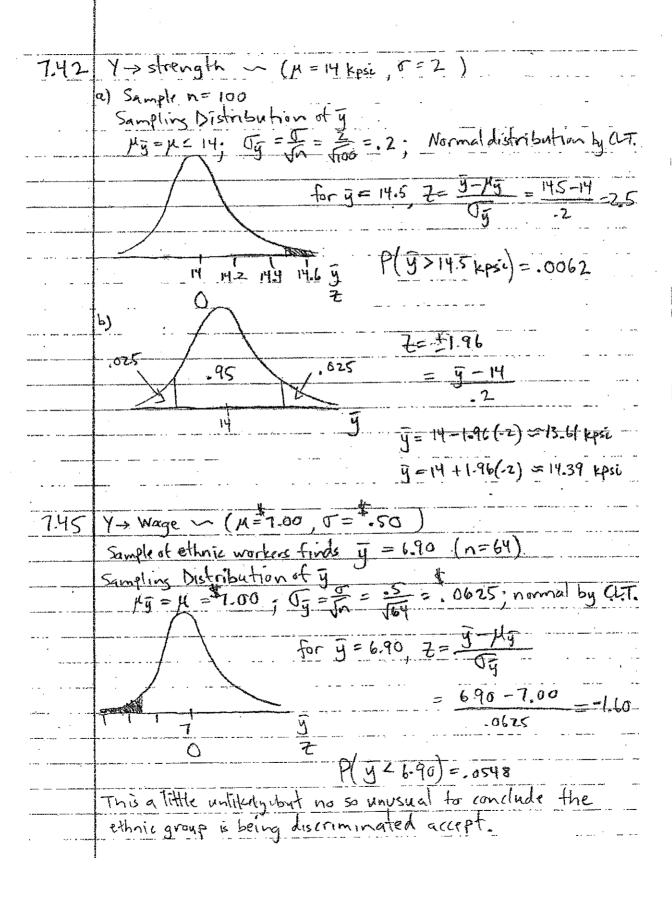
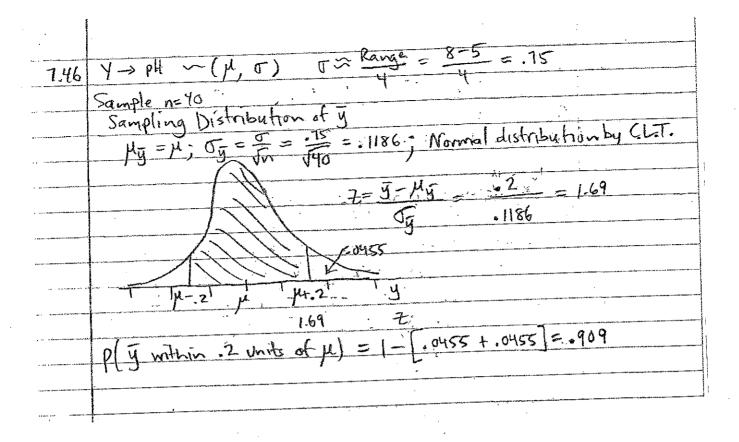
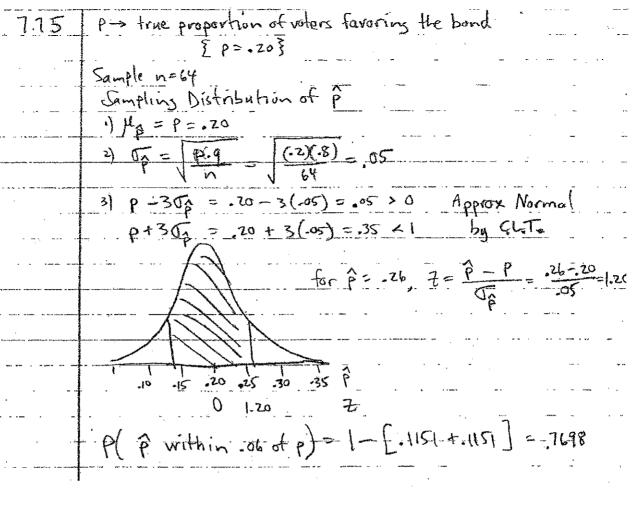
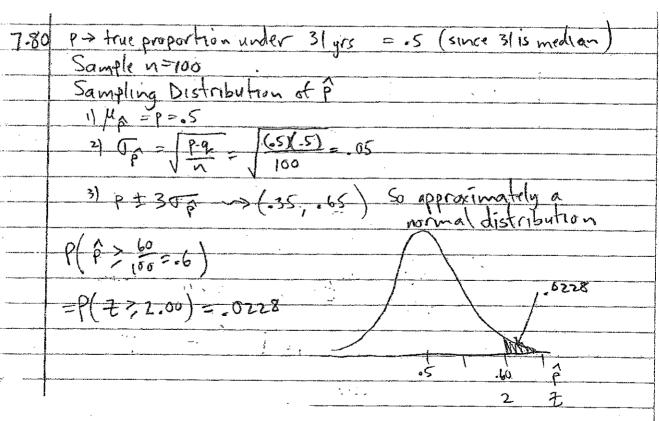
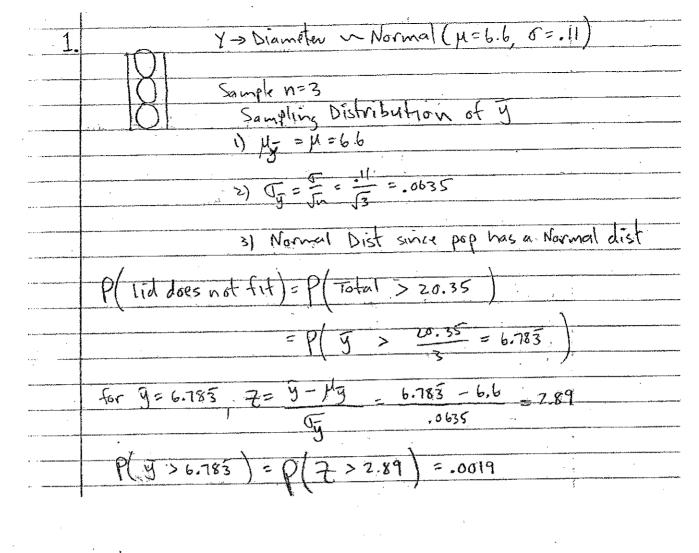
STA 250, Summer 2013, HW #5

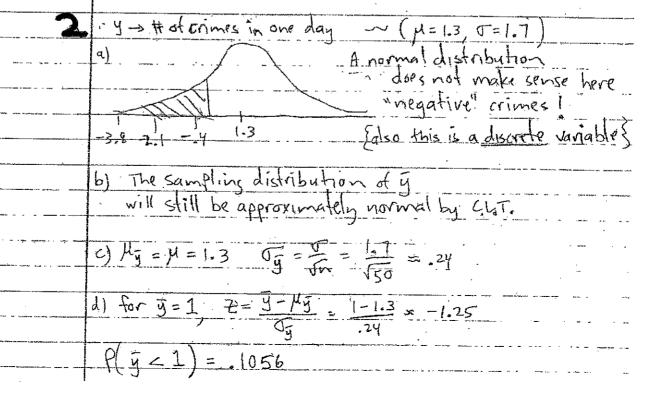












		1
•	3	P -> true proportion that gradual within 4 yrs & P= . 57}
•		for n= 200
		Sampling Distribution of p
-		Mp = P = .57 · (= P.9 = (-57)(43) = .035
		P + 30 p ~ (.465, .675) within (0, 1)
		So, approximately a normal dist
		A P
		a) for $\hat{p} = .5$, $\hat{z} = \frac{\hat{p} - \hat{p}}{G_0} = .5 \cdot .57 \approx -2.00$
		P(+>.5)= 0218 = .9772
		b) P within . 05 of P -> P within .52 to .62
		for \$=.52 7=-1.43 \$=.62 7=+1.43
	ما معالم الما الما الما الما الما الما ا	\$=.62, 'Z=+1-43
· ·		10/2-1 10/1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-1
		P(Pwitnin. 05 of P)= 1-[.0764 + .0764] = .8472
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