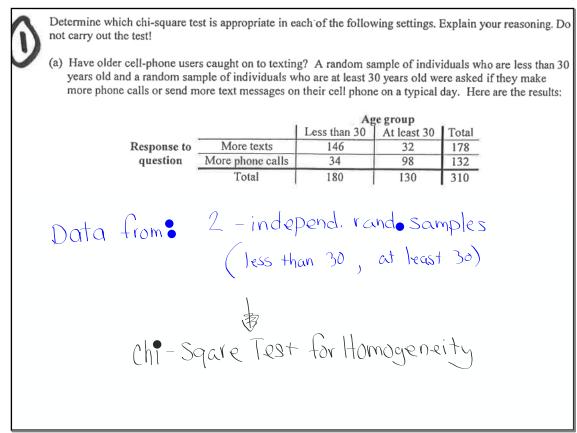
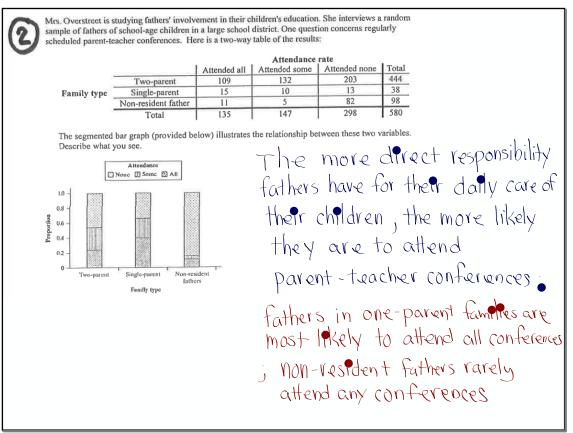
Be sure you to look at the 3-week calendar which includes a tentative review schedule.

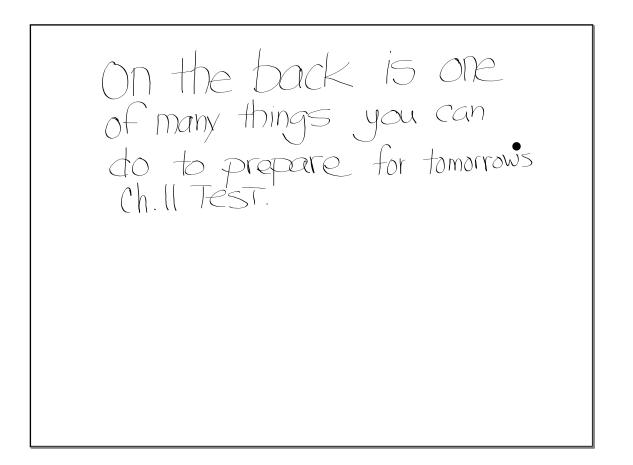
Pick Up The Warm UP Just do #1ab skip #2



(b) Are older and younger employees equally prone to having accidents? To investigate this question, a researcher at a light manufacturing plant classified a random sample of accidents by type and by age of the employee.

	Accident type				
		Sprain	Burn	Cut	Total
Age	Less than 25	9	17	5	31
	At least 25	61	13	12	86
	Total	70	30	17	117
Data from: Single random sample (n=11) accidents) with accident classified according to two categorical variables the chi-Square Test for Independ.					

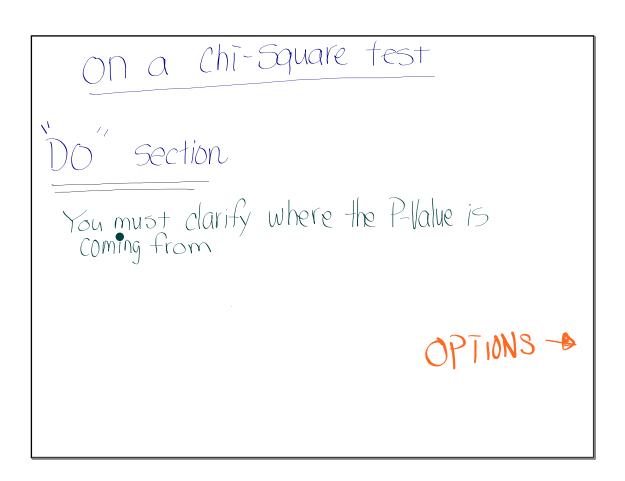




Ch. 3 Review Problems (green)

due by the beginning of class on this Wednesday

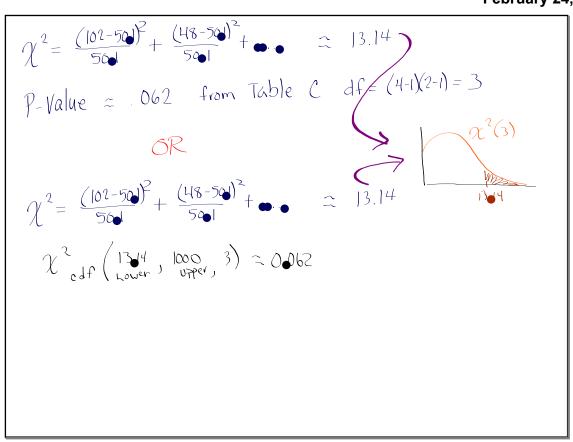
By tomorrow (Tuesday night 11 pm), you should be finished with all of the PPC's (Unit 5 - MCQ A,B,C)



$$\chi^{2} = \frac{(102-50)^{2}}{50} + \frac{(48-50)^{2}}{50} + \frac{13.14}{50} = 3$$

P-Value = .062 from Table C df = (4-1)(2-1) = 3

$$\chi^{2} = \frac{(102 - 50)^{2}}{50} + \frac{(48 - 50)^{2}}{50} + \frac{(102 - 50)^{2}}{50} + \frac{(102 - 50)^{2}}{50} + \frac{(102 - 50)^{2}}{50} + \frac{(48 - 50)^{2}}{50} + \frac{(102 - 50)^{2}}{50} + \frac{(48 - 50)^{2}}{50} + \frac{(13 - 10)^{2}}{50} + \frac{(13 -$$



$$\chi^{2} = \frac{(102-50)^{2}}{50} + \frac{(48-50)^{2}}{50} + \cdots = 13.14$$

$$P-Value = .062 \quad \text{from Table C} \quad df = (4-1)(2-1) = 3$$

$$\chi^{2} = \frac{(102-50)^{2}}{50} + \frac{(48-50)^{2}}{50} + \cdots = 13.14$$

$$\chi^{2}_{cdf} \left(\frac{13.44}{1000}, \frac{1000}{1000}, 3 \right) = 0.062$$

$$OR$$

$$(alculator's \chi^{2}-785T \quad gives \quad \chi^{2} = 13.44 \quad \text{and } P-Value \approx .062$$

$$Using \quad df = 3$$

$$Or \quad \chi^{2}-60F-R8T$$

