#62F Ch19C Tokunaga's AP Stats Distance Learning Period: 3 Name:			
Objectives			
1) Learn what two-sided alternative hypothesis			
2) Learn 1-PropZTest on TI-Calc			
Define these terms Two-sided alternative	<u> </u>		
hypothesis			
One-sided alternative hypothesis			
Advances in medical care such as prenatal ultrasound examination now make it possible to determine a child's sex early in a pregnancy. There is a fear that in some cultures some parents may use this technology to select the sex of their children. A study from Punjab, India (E. E. Booth, M. Verma, and R. S. Beri, "Fetal Sex Determination in Infants in Punjab, India: Correlations and Implications," <i>BMJ</i> 309 [12 November 1994]: 1259–1261), reports that, in 1993, in one hospital, 56.9% of the 550 live births that year were boys. It's a medical fact that male babies are slightly more common than female babies. The study's authors report a baseline for this region of 51.7% male live births.			Check the conditions: Also write the name of the model and test for our hypothesis test.
Question: Is there evidence that the proportion of male births is different for this hospital?			
Write down the hypothes (Which one shall we writ	sis. te, Two-sided or One-sided	alternative hypotl	hesis?)
Calculate sd, z score and P-value :			
Indicate above into listed below natural model  f the significant level ( a level) was set a conclude the statement after the above hypotheses test.			atement after the above