

A.P. Statistics
Assignment 3-2

Remember to show your thinking through your work.

- 1) Using the topics from your last assignment, describe how you might design and conduct a survey to answer each of the research questions. You may use the second table to help guide your thinking.

Question	Population	Sample
Who will win the next U.S. presidential election?		
Is my well water safe?		
Are as many girls born as boys in the world?		
Which works better, Advil or Tylenol?		
Do students who take more math classes in high school get into better colleges?		

Question	Write two questions you might ask in your questionnaire.	How might you actually get the data from your sample? (think of the different research methods in the article)	Given your previous two answers, what problems (or bias) might result from your design.
Who will win the next U.S. presidential election?			
Is my well water safe?			
Are as many girls born as boys in the world?			
Which works better, Advil or Tylenol?			
Do students who take more math classes in high school get into better colleges?			

Also be thoughtful of how you will go about selecting the participants for the survey.