

A P Statistics  
Summer Assignment

Read p. 2-28

Complete the study guides for chapters  
1, 2, 3.

p. 13- # 9-17 odd

p. 28- #1 Find the article, attach to  
notebook paper, and answer  
the questions

# 5-11 odd, 17-21 odd

*Ch. 1 – Stats Starts Here*

Answer all questions in complete statements.

1. What is Statistics?
2. What are the three simple steps to “doing Statistics right”?
3. What should a complete solution of an exercise in your statistics book contain?

*Ch.2 – Data*

Answer all questions in complete statements.

1. What are data?
2. The context of a data set is described by 5 W's. What are the 5 W's?
3. What are the three kinds of variables? Describe each.

### *Ch.3 – Displaying and Describing Categorical Data*

Answer all questions in complete statements.

1. What do frequency tables show?

2. What is the area principle?

3. Name two charts which show the distribution of data.

4. Describe a contingency table.

5. What is a marginal distribution?

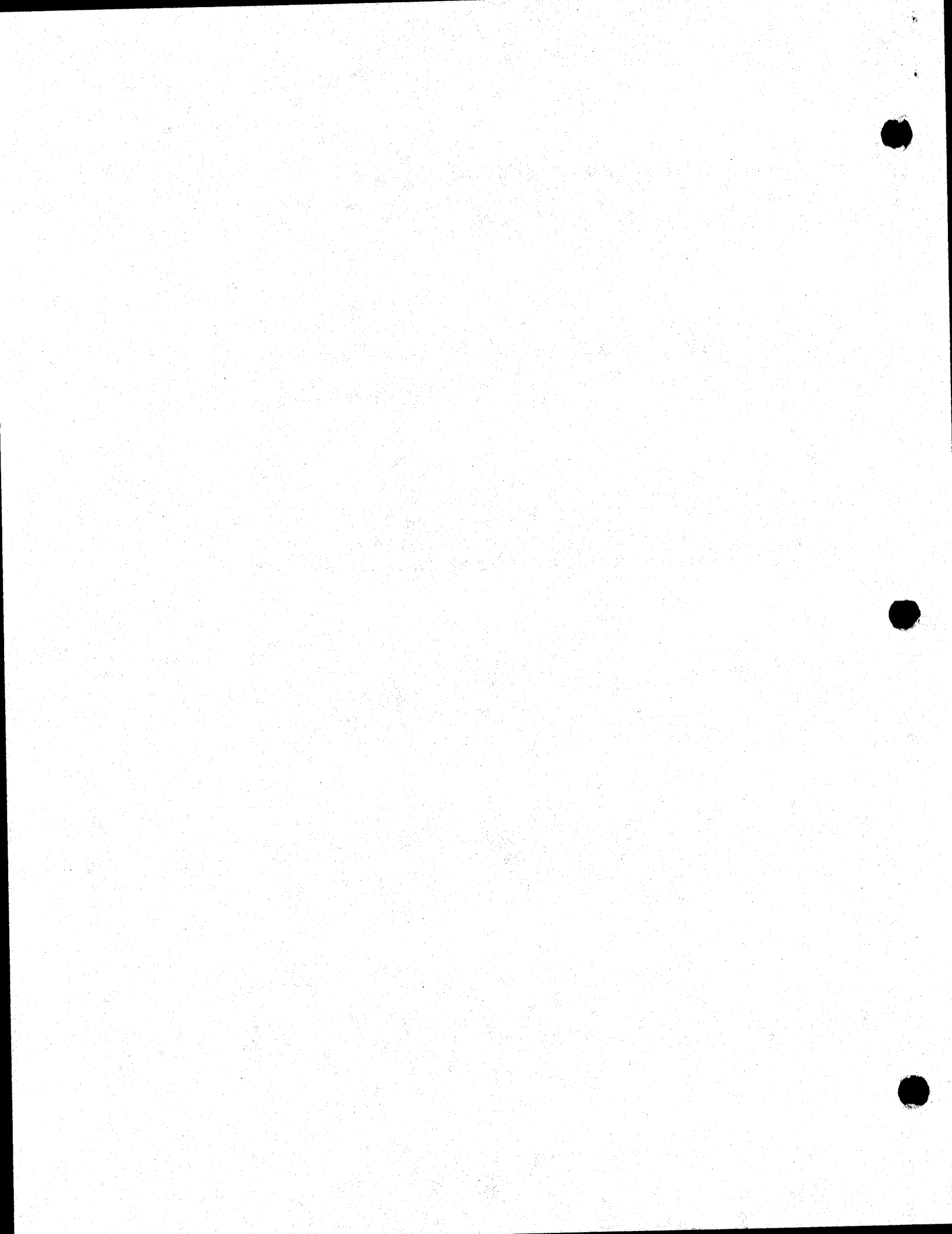
6. What is a conditional distribution?

7. What is independence of variables?

8. How is a segmented bar chart different from a bar graph?

9. What is Simpson's Paradox?

10. What are three ways that statistical analysis can go wrong?



Please note:

There is a textbook assignment related to this assignment.

Please email the appropriate teacher or visit guidance to obtain a copy of the textbook portion.

