Chapter 1

Stats Starts Here
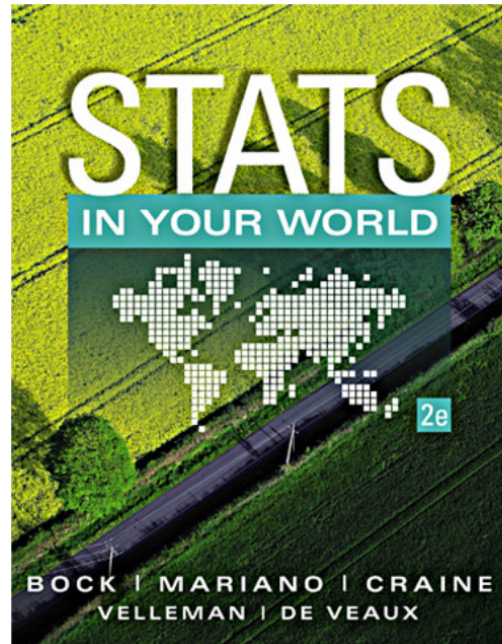
States – Count the number you have visited

Alabama	Indiana	Nebraska	Rhode Island
Alaska	Iowa	Nevada	South Carolina
Arizona	Kansas	New Hampshire	South Dakota
Arkansas	Kentucky	New Jersey	Tennessee
California	Louisiana	New Mexico	Texas
Colorado	Maine	New York	Utah
Connecticut	Maryland	North Carolina	Vermont
Delaware	Massachusetts	North Dakota	Virginia
Florida	Michigan	Ohio	Washington
Georgia	Minnesota	Oklahoma	West Virginia
Hawaii	Mississippi	Oregon	Wisconsin
Idaho	Missouri	Pennsylvania	Wyoming
Illinois	Montana		

Number of states you have visited_____

14,11,12,7,7,9,7,11,4,2,4,9,12,6,11

Gender _____

M:6   F:9

Number of siblings_____

1, 16, 2, 1, 1, 5, 2, 3, 5, 0, 3, 1, 3, 3, 2

Shoe Size _____

8, 6.5W, 10, 8.5, 11.5, 8, 7, 8.5, 10, 12, 6, 8.5, 10.5, 11, 8

Random # _____

12, 17, 68, 5, 14, 10, 10, 13, (4,5,1,2), 42, 12, 14, 12, 12, 14

Height _____

5"6', 5'3",5'8",5'5",5'10",5ft3in, 62, 6'5",5'10", 6'0",5'3",5'3",5'8",6'2",5'2

Favorite Color _____

blue,yellow,pink,blue,blue,blue,purple, blue,olive green, dark purple, purple,blue,blue,blue,purple

Disussion Questions:

Are they any flaws to this data/survey?

Do any results seem out extraordinary?

"Data has a story to tell. Our job is to uncover the story."

What can we learn about our class from this survey?

Homework:

Read Chapter 1 and

Complete the Study Guide.

Pg. 3 in Packet

Name_____   *Statistics: Reading Guide Chapter 1*

Anticipation Guide

1. Before you read, mark in the left column whether you agree or disagree with each statement in the center column.

2. As you read the chapter, record evidence to support or refute each statement in the space provided.

3. After you read, mark in the right column whether you now agree or disagree with each statement. Be prepared to share in class how your thinking was confirmed or changed after reading the text.

Before Reading	Statement/Evidence	After Reading
Agree Disagree	*1. Statistics is mostly about using formulas and math.* *Evidence:*	Agree Disagree
Agree Disagree	*2. How data is collected can affect how useful that data is.* *Evidence:*	Agree Disagree
Agree Disagree	*3. Numerical data (such as weight in pounds, age, shoe size) should be labeled as a <u>quantitative</u> variable.* *Evidence:*	Agree Disagree
Agree Disagree	*4. Gender (male/female) is a <u>categorical</u> variable.* *Evidence:*	Agree Disagree
Agree Disagree	*5. The best way to make sure we have data that provides useful information is to collect a lot of it.* *Evidence:*	Agree Disagree

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