Two-Way Frequency Tables (Continued)
Class Notes-----Classwork-----Homework

	Batman	Superman	Spiderman	Total
Boys	8		3	16
Girls	6			
Total			7	35

Percent Review:

TOGETHER

1) What percent of the people surveyed are boys?

2) What percent of the people surveyed like Batman?

3) What percent of the people surveyed are boys who like Batman?

4) What percent of the people surveyed are boys who like Superman?

5) What percent of the people surveyed are boys who like Spiderman?

	Batman	Superman	Spiderman	Total
Boys				
Girls				
Total				

PRACTICE

6) What percent of the people surveyed are girls?

7) What percent of the people surveyed like Spiderman?

8) What percent of the people surveyed like Superman?

9) What percent of the people surveyed are girls who like Batman?

10) What percent of the people surveyed are girls who like Superman?

11) What percent of the people surveyed are girls who like Spiderman?

Relative Frequency Table:

Conditional Frequency Table:

	Batman	Superman	Spiderman	Total
Boys	8	5	3	16
Girls	6	9	4	19
Total	14	14	7	35

A LITTLE DIFFERENT: TOGETHER

1) What percent of boys like Batman?

2) What percent of people who like Batman are girls?

3) What percent of boys like Spiderman?

$$\frac{Part}{Whole}$$

4) What percent of the people surveyed like Batman?

5) What percent of the people surveyed are girls who like Superman?

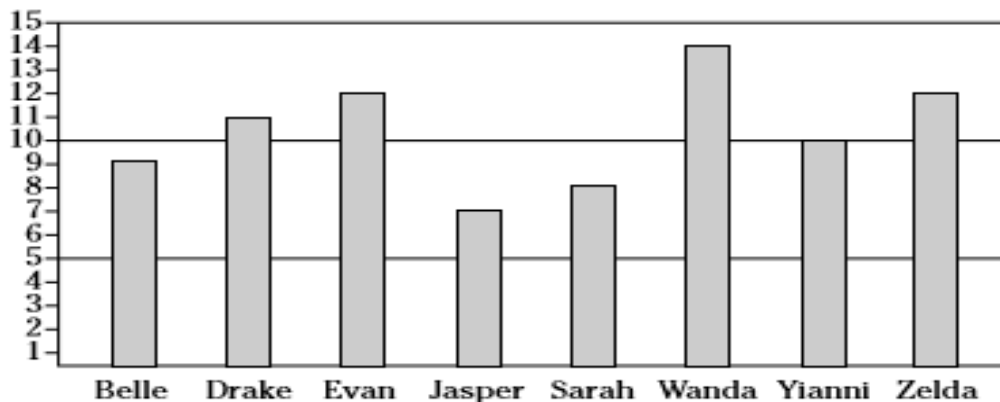|	Batman	Superman	Spiderman	Total
Boys	8	5	3	16
Girls	6	9	4	19
Total	14	14	7	35

Part / Whole

PRACTICE

*** *What college are you going to attend?* _____

6) What percent of girls like Batman?

7) What percent of people who like Batman are boys?

8) What percent of girls like Superman?

9) What percent of the people surveyed like Spiderman?

The following graph shows the number of new bank accounts that eight account executives have opened so far this week. Which of the following answer choices is the median number of accounts opened among these eight people?

(A) 9.5
(B) 10
(C) 10.5
(D) 11
(E) 12

ACT®

Name:_____   Date:_____   Period:_____

Two-Way Frequency Tables: TV at Jackson

150 of Jackson's finest students were surveyed about their favorite type of television to watch. Of the 75 people who preferred sports, 62 of them were boys. 57 girls and 10 boys preferred Reality TV. Only 5 girls preferred to watch the news.

(Fill in Empty Table Below)

Must show all work to receive credit:

1. What was the most popular type of television program?

2. How many boys were surveyed?

3. How many girls prefer to watch sports?

4. Pick one marginal frequency and explain what it means.

5. Pick one joint frequency and explain what it means.

6. What percent of people surveyed were girls who watch the news?

7. What percent of people who prefer reality TV, are boys?

8. What percent of girls prefer watching sports?

9. What percent of people surveyed are boys?

10. What percent of people surveyed are boys who prefer reality TV?

11. What does the ratio $\frac{62}{150}$ represent?

12. Is there a relationship between gender and favorite TV program? Explain.