p. 60-61 Two-way Frequency Tables

A two-way frequency table shows data that pertain to two different categories.

p. 60

1. Below is the data collected from a random sample of juniors at Dundee-Crown.

	Play a Sport	Do Not Play a Sport	Total
Plan on Going to College	14	23	37
Plan on Joining the Work Force	10	3	13
Total	24	26	50

. Complete the tabl

b. How many students plan on going to college?

low many students play a sport?

ow many students play a sport and plan on going to college?

e. How many students do not play a sport and plan on joining the work force? ____

Daniel surveyed students at his middle school regarding the amount of students who own cell phones and/or tablets. He created the below frequency table.

	Tablet	No Tablet	Total
Cell Phone	57	21	78
No Cell Phone	13	9	99
Total	70	.30	100

a. Complete the tab

h How many students did Daniel summy?

. How many students own a tablet?

e. How many students own a tablet and do not own a cell phone? _

p. 61

Relative frequency: a ratio of how often something happened to a certain total.

 Becky works at a summer camp. The students have the opportunity to sign up for swimming and/or mini-golling. To organize the data, Becky creates the following two-way frequency table.

	Swimming	Not Swimming	Total
Mini-Golf	28	34	62
Not Mini-Golfing	43	45	88
Total	71	79	150

a. Some of the data was lost! Help Becky complete the above table

. How many students attend use summer camp?

What is the relative frequency of students going swimming and mini-golfing to the tot many of students in the summer camp?

d. What is the relative frequency of students going swimming to the total number of student

d. What is the relative frequency of students going swimming to the total number of student in the summer camp?

e. What is the relative frequency of students going mini-golfing to the total number of students in the summer come?

swimming 28

. What percent of students are going mini-golfing but not going swimming

g. What percent of students are not going swimming nor mini-golfing:

i. Is there a higher percentage of students doing both activities or doing neither ac

neither, 1919.

Practice! Practice!

