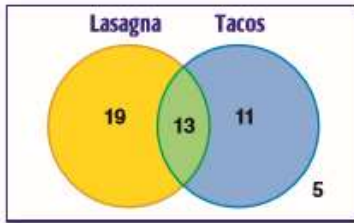


Two-Way Tables Practice I

1. The Pep Club was asked to vote for which dinner they would like for their banquet. Construct a two-way table for the information shown in the Venn diagram below.



	Tacos	Not Tacos
Lasagna		
Not Lasagna		

2. The two-way table on the right shows which sports students like to watch on TV.

a) How many people like to watch football?

b) What percent of people like to watch football?

	Football	Basketball	Baseball	Total
Males	40	22	15	77
Females	12	16	45	73
Total	52	38	60	150

c) How many males like to watch football?

d) What percent of males like to watch football?

e) How many females like to watch football?

f) What percent of females like to watch football?

g) According to our data, which gender is more likely to watch football?

3. The two-way table gives some information about how 100 children travelled to school one day:

	Walk	Car	Other	Total
Boy	15		14	54
Girl		8	16	
Total	37			100

a) Complete the table.

b) How many children walked to school?

c) What percent of children walked to school?

d) How many boys walked to school?

e) What percent of boys walked to school?

f) How many girls walked to school?

g) What percent of girls walked to school?

h) According to our data, who is more likely to walk to school – boys or girls? How do you know?

4. 80 children went on a school trip. They went to London or New York. 23 boys and 19 girls went to London. 14 boys went to New York. Use this information to complete the two-way table.

	London	New York	Total
Boys	23	14	
Girls	19		
Total			80

- What percent of children were girls?
- What percent of children were boys?
- What percent of children went to New York?
- What percent of boys went to New York?
- What percent of boys went to London?
- What percent of girls went to London?
- Who was more likely go to London – boys or girls? How do you know?

Look at the “London” column.

- How many children went to London?
- What percent of children who went to London are boys?
- What percent of children who went to London are girls?

5. The two-way table gives some information about the color of vehicles in a parking lot.

	Silver	Black	White	Total
Cars		7		
Vans	3		8	
Total	13	12		40

- Complete the two-way table.
- What percent of all vehicles are cars?
- What percent of all vehicles are vans?
- What percent of all cars are silver?
- What percent of all cars are white?
- What percent of all vans are white?
- What kind of vehicle is more likely to be white? How do you know?
- What kind of vehicle is more likely to be black? How do you know?

Look at the “White” column.

- What percent of all white vehicles are cars?
- What percent of all white vehicles are vans?