

Two Way Tables 2

1.

After a series of matches between a school's teams and their rivals, the school secretary analyzed the relationship of the number of wins and matches played. The results are summarized in a two way table below.

Sport	Boys Wins	Girls Wins	Total Wins
Volleyball	23	18	
Cricket	40	10	
Soccer	15	25	
Total			

How many total wins did the school's Volleyball teams register?

How many more wins did the boys' teams have than the girls' teams?

2.

The data is summarized in a two-way table for the number of boys and girls that regularly drink water, lemonade, or soda at lunch.

	Boys	Girls	Total
Water	45	32	77
Soda	50	38	88
Lemonade	42	32	74
Total			

Round answers to nearest tenth of a percent.

What is the percentage of boys that regularly drink water?

What is the percentage of girls that regularly drink water?

What is the percentage of girls that regularly drink soda?

What is the percentage of boys that regularly drink soda?

What is the percentage of the students that regularly drink water?

What is the percentage of the students that regularly drink soda?

3.

Below you will find an incomplete two ways table that shows the number of girls and boys that were passing Economics and Science. There are a total of 72 boys and 72 girls taking Economics. There are 78 boys and 60 girls taking Science.

Gender	Passing Economics	Failing Economics	Passing Science	Failing Science	Total
Boys	61		69		
Girls	67		53		
Total					

Round answers to nearest tenth of a percent.

Calculate the percentage of boys' passing Economics.

i). Calculate the percentage of girls' passing Science.

.. Calculate the percentage of students passing Science.

!. Calculate the percentage of students passing Economics.

i). Complete the two way table above.

4.

Complete the two-way table for 9th Grader's school transportation survey:

	Male	Female	Total
Walk		46	
Car	28		45
Bus		12	27
Bike		17	69
Total	129	92	

a. What percentage of 9th grade girls walk to school?

b. What percentage of 9th graders are girls who walk to school?