

# Two-Way Tables

Complete the two-way tables based on the information given and answer the corresponding questions. Round your answers to the nearest whole number or whole percent.

**8<sup>th</sup> Graders Favorite Movie Genres**

	Comedy	Action	Sci-Fi	Total
Boys	18			47
Girls			19	
Total		21	33	80

**True or False**

- Eight girls preferred comedy movies.
- Fifteen boys preferred action movies.
- Thirty-three percent of the students surveyed were girls.
- Fifty-nine percent of the students surveyed were boys.
- Nineteen out of thirty girls preferred Sci-Fi movies.



**Favorite Classic Rock Bands among Millennials**

	Beatles	Rolling Stones	Doors	Total
Boys			9	34
Girls	15			
Total		25	18	60

**Short Answer**

- How many more girls than boys prefer The Beatles?
- What percent of the boys preferred The Beatles?
- Which band did the boys prefer most?
- What percent of the millennials surveyed were girls?



### Mathville High School

	Algebra 1	Geometry	Algebra II	Total
9 <sup>th</sup> Grade			20	
10 <sup>th</sup> Grade		39		167
Total	120		48	282

10. How many students are taking Geometry?
11. Which math class has the least number of students?
12. Are there more students 9<sup>th</sup> grade or 10<sup>th</sup> grade students taking math classes?
13. What percent of students taking Algebra 1 were in the 9<sup>th</sup> grade?

### Sophomores Foreign Language

	Latin	Spanish	Chinese	Total
Boys		78	20	120
Girls			22	
Total	60		42	238

14. How many students are taking Latin?
15. Which language class has the least number of students?
16. Are there more boys or girls taking foreign language classes?
17. How many more boys than girls are taking Spanish?

### Freshman Girls Favorite Exotic Fruit

	Star Fruit	Plantains	Guava	Total
8 <sup>th</sup> Grade	11		15	32
9 <sup>th</sup> Grade		18		
Total	33			100

18. What percent of 8<sup>th</sup> graders choose guava?
19. What percent of students choose plantains?
20. What percent of 9<sup>th</sup> graders choose star fruit?