

Two-Way Frequency Table Remediation

1. Below is a partial list of the results of a classroom Poll. Complete the chart.

Study for the Test

	yes	no	Maybe	Total
Boys	4	5		15
Girls			9	
Total		12		32

- a) Who was more likely to study for the test girls or boys? Why?

- b) Is it more likely for someone to study for the test or not study?

- c) What percent of students studied for the test, given that they were girls?

- d) What percent of students were boys, given that that they said maybe?

- e) Create a relative frequency table.

- f) If we were talking about all of geometry, which has 300 students. How many would study for the test?

- g) If there were 525 students in geometry, how many would be girls or study?

- h) How many people study and be girls if 610 people were asked?

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2. Below is a partial list of the results of a classroom Poll on what device students prefer to use when consuming media. Complete the chart.

Study for the Test

	Boys	Girls	Total
Computer	6	8	
Smartphone			18
Total		17	

- a) Which gender is more likely to prefers the use of smartphones more, based on the table data?
- b) Which type of device is more likely to be used, explain your reasoning.
- c) What percent of students prefer their smart phone, given that they were girls?
- d) What percent of students were boys, given that that they prefer using a computer?
- e) Create a relative frequency table.

- f) If we were talking about the entire school, which has about 2500 students. How many would prefer a computer?
- g) If only the freshmen class of 678 students was asked, how many would be girls or prefer a smartphone?
- h) How many people would prefer a computer and be boys, if 1137 students were asked?