TWO WAY TABLE FREQUENCY (PERCENTS)

1.

The survey was conducted to see who owns watches and who own smart phones. Fill out the rest of the table.

	watch	No watch	Total
smart phone	20		38
no smart phone			
Total	28		50

2.

The following survey was taken on who owns a cat and a dog. Complete the table.

	Dog		Cat	
totals	yes 60	no 180	**yes** **156**	no 84

Of the 60 dog owners, 39 do not own a cat.

		Yes Cat	No Cat	Total
	Yes Dog			
	No Dog			
	Total			

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3.

	Netflix	Hulu	Total
Male	21	39	60
Female	135	45	180
Total	156	84	240

Complete a two way relative frequency table. Find the percent/probability of each and fill out the table, round to the hundredths. **Write as a decimal**. For example, 21 males of 240 total watch Netflix. 21/240 = .0875 or .09

	Netflix	Hulu	Total
Male	.09		
Female			
Total			

4.

	Hot lunch	Cold lunch	Total
boys	3	5	8
girls	4	7	11
Total	7	12	19

Complete a two way relative frequency table. Find the percent/probability of each and fill out the table, round to the hundredths. **Write as a percent**. Ex: 3/19 = .157 x 100 = **16 %**

	Hot lunch	Cold lunch	Total
boys	16		
girls			
Total			

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5.

	Netflix	Hulu	Total
Male	21	39	60
Female	135	45	180
Total	156	84	240

a. How many females were surveyed total? _____
b. How many females preferred to watch Hulu instead of Netflix? _____
c. Out of the total females, what percent preferred to watch Hulu? _____
d. How many people were surveyed total? _____
e. What percent of the total people were female and preferred Hulu? _____

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