

Relative Frequency

1) A group of friends was surveyed about their favorite outdoor activity. The responses are recorded in the table below. Complete the table, and answer the questions.

Activity	Number of People / Frequency	Relative
Hiking	35	
Cycling	40	
Camping	25	

i) Determine the relative frequency of people who prefer _____

PREVIEW

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2) A customer service survey has been compiled.

Wait Time (in minutes)	Frequency
0 - 5	42
6 - 10	
11 - 15	
16 - 20	

ii) If the total number of people surveyed increases to 750, then approximately how many would be expected to prefer camping based on the current distribution.

3) Coach John is reviewing the number of touchdowns scored by each player.

Player	Number of Touchdowns / Frequency	Relative Frequency
Jake		
Ethan		
Marcus	4	
Ryan	3	

i) Determine the relative frequency of touchdowns scored by Ethan. _____

ii) In the next season, predict how many would likely be scored by Ryan based on the current distribution. _____