

Task – Public Opinions

Name _____ Class Period _____

A public opinion survey explored the relationship between age and support for increasing the minimum wage. The results are found in the following two-way frequency table.

	For	Against	No Opinion	TOTAL
Ages 21-40	25	20	5	
Ages 41-60	30	30	15	
Over 60	50	20	5	
TOTAL				

1. Given the person is in the 41 to 60 age group, what percentage supports increasing the minimum wage? What type of probability is this...Joint, marginal, or conditional?
2. Given the person has no opinion, what percentage are over 60 years old?
3. What are the marginal frequencies for each age group?
4. What are the marginal frequencies for each support opinion?
5. What are the following joint frequencies?
 - A) Ages 21 – 40 and no opinion on increasing minimum wage
 - B) Ages over 60 and for increasing minimum wage
 - C) Ages 41 – 60 and against increasing minimum wage
6. Do you see any significant trends when looking at the frequencies in this task?