

Pollster's Task #10: Binomial Distribution Rubric

Criteria	1 pt.	2 pts.	3 pts.	4 pts.
Description of survey or scenario	Did not describe survey or scenario	Described survey or scenario	_____	_____
Explanation of why survey or scenario can be represented by the Binomial Distribution	Did not give a explain why the survey or scenario could be represented by the Binomial Distribution	Gave an explanation why the survey or scenario could be represented by the Binomial Distribution, but was not accurate	Partially explained why the survey or scenario could be represented by the Binomial Distribution	Fully described why the survey or scenario could be represented by the Binomial Distribution
Table (x2)	Filled in proportion column and probability column inaccurately	Filled in proportion column and probability column about 50% accurately	Filled in proportion column and probability column about 75% accurately	Filled in proportion column and probability column 100% accurately
Histogram	Did not include a scale for either axis	Included a scale for each axis but did not graph accurately	Included a scale for each axis, made a few errors when graphing	Included a scale for each axis and graphed all data accurately
Using the data to answer a question	Answered question incorrectly, answer did not reflect data	Answered question incorrectly, used incorrect data to answer question	Answered question incorrectly, used some data needed to answer the question	Answered question correctly