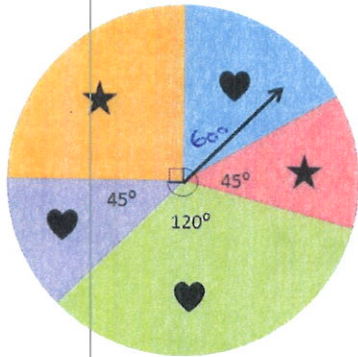


Instructions: Show all work to receive full credit. You should note any formulas used or calculator functions used, their inputs and outputs. I cannot grade work if I don't know where an answer came from. Be sure complete all parts of each questions, including requests for interpretation and explanations. Be as thorough as possible.

1. Consider the spinner shown below:



- a. Assuming that the spinner is fair, what is the probability of getting green after spinning?

$$\frac{120}{360} \approx 33\%$$

- b. What is the probability of get a star?

$$45 + 90 = 135$$

$$\frac{135}{360} = 37.5\%$$

- c. What is the probability of getting a result that is not blue?

$$1 - \frac{60}{360} = \frac{5}{6} = 83.3\%$$

- d. What is the probability of getting a diamond?

0

- e. What is the probability of getting a heart or a star?

1