

Spinner simulation

A spinner is divided into 5 equal sized sections. The sections are the colors of pink, green, blue, yellow, and purple. Use the random number generator on the graphing calculator to calculate the experimental probabilities. Run the simulation at least 20 times. Identify what your numbers stand for.

1. Write down the steps you entered on the calculator.

- a) What is your lower bound? _____
- b) What is your upper bound? _____
- c) How many trials did you run? _____
- d) How many times should each color come up (theoretical) based on the number of trials you run. What is your prediction? How did you figure this out? Show your work.

2. Write down your data.

3. Draw and complete a frequency table showing your results.

