Random Rectangles

Recall the four estimates of average rectangle size.

- Subjectively choosing 1 rectangle / Subjectively choosing 10 rectangles and averaging
- Choosing 1 rectangle from the random number sheet / Choosing 10 rectangles from the random number sheet and averaging

1. Discuss the concept of sampling and explain the difference in the two types of sampling methods (subjective & random) used in the random rectangles experiment.

2. Discuss the difference between the four estimates of average rectangle size (think about bias & variability.)
3. Read the articles on the Literary Digest poll. Alf Landon was predicted to beat FDR by a 3-to-2 margin. Instead, FDR won with 62% of the votes. The articles discuss two different poor sampling methods. Describe each and comment on which you think was more influential in the regretful events. (Write a paragraph or two.)