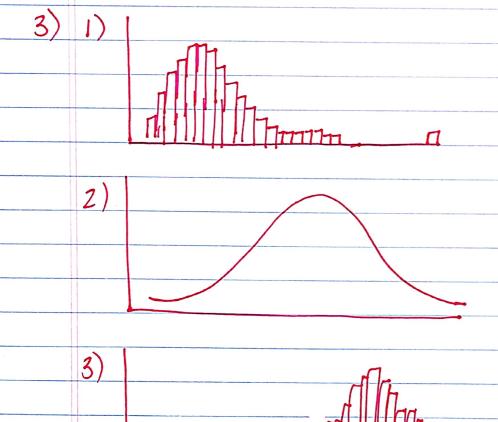
## Problem Set 5 - KEY

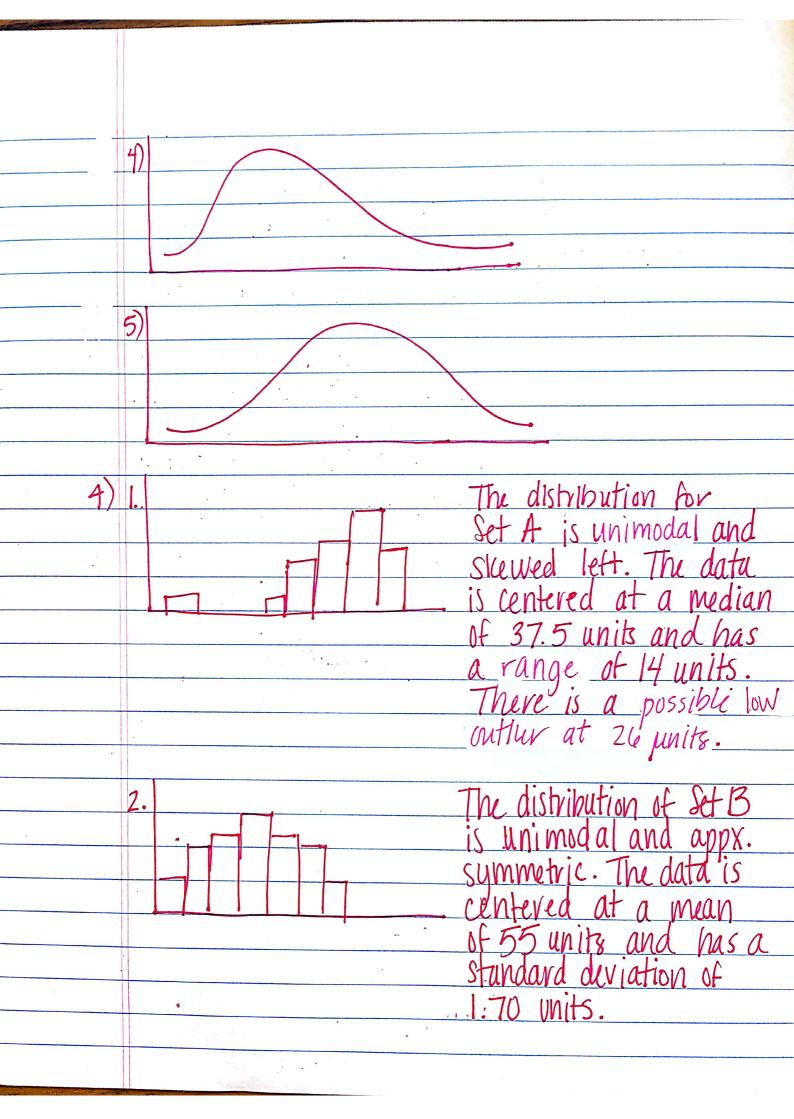
- 1) population: all students in CA enrolled in Prehoods parameter: true mean in come level sample: 21,000 students that returned survey statistic: mean income level of the sample, \$65,000
- 2) a. Sex -> categorical b. height -> quantitative (inches?)

  c. handedness -> categorical

  d. distance -> quantitative (yards)

  c. sideline crossed -> categorical





The most important thing here was to choose a company and make a sound argument.

5) You could choose either company Neve. If you chose Al, yould need to give reasoning along the lines of "It score of 300 shows that the curriculum has been utilized to produce substantial gains.
Because vist has a highly qualified and
experienced teaching staff. They should be
Confident that the staff can we the cumentum to reproduce such results.

(B) Company Is A dishibution includes an observation at 300 y which by definition, is an unusual outcome. Companing medians, we find that Company BI's Cupriculum has a higher median, 19, compared to Company Als median of 4.5. Company BI's dataset reveals that all students made gains, while some students using company Als cumulum regressed. Excluding The outlier for company A, 70% percent of company B students outperformed All company A Students.

lly thumbury: Discuss outlier

· Compare medians
· Consider & pread (if it helps your
compare argument

\*Sony. These didn't have good shapes to classify.