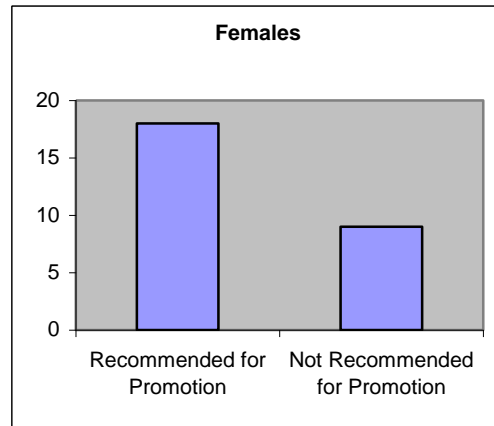
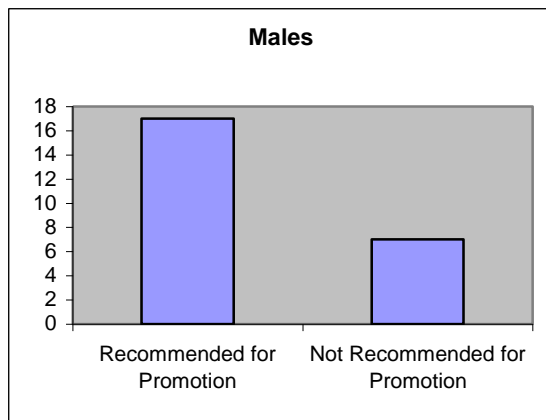


AP Statistics
Assignment 1-2



- 1) According to the bar charts above (which are from a study regarding possible discrimination between males and females and job promotions), approximately how many males received recommendations for promotion?

- 2) According to the bar charts above, approximately how many males were in the study?

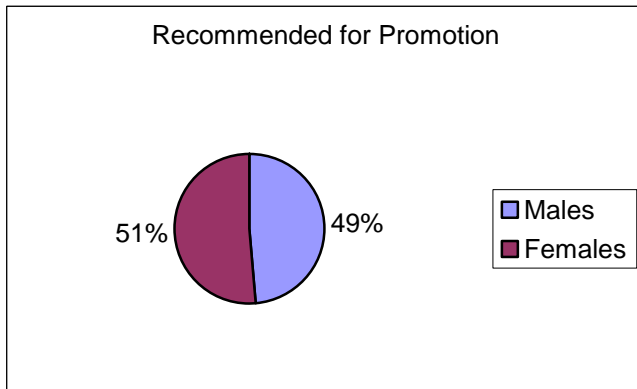
- 3) What proportion of males received promotions?

- 4) According to the bar charts above, approximately how many females received recommendations for promotion?

- 5) According to the bar charts above, approximately how many females were in the study?

6) What proportion of females received promotions?

7) To what extent do you believe there is gender based discrimination in this workplace? Be sure to explain your answer.



8) The above pie chart is derived from the same raw data as the previous bar charts. According to the pie chart above, which gender is more likely to be recommended for promotion? Be sure to explain your reasoning.

9) Which graphical displays (the bar charts or the pie chart) more accurately depicts the data? Why?

10) Which graphical display do you think the employer would chose to publicize? Why?