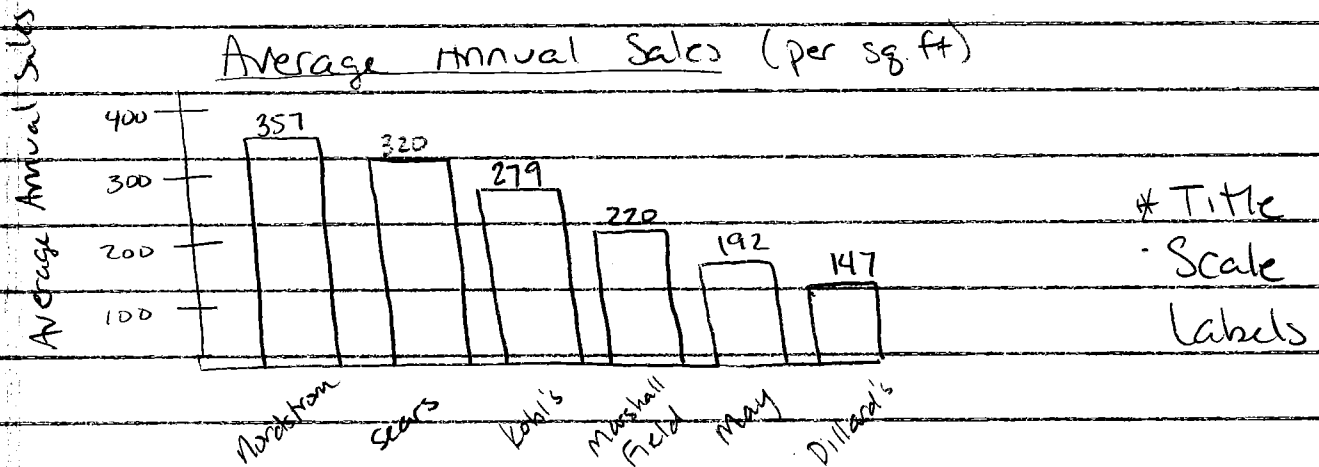


2.1 Bar Graphs, Circle Graphs, & Time Plots

Pareto Chart - Bar graph where height represents frequency and the bars are arranged decreasing left to right

Example 1 Make a Pareto chart from pg. 37

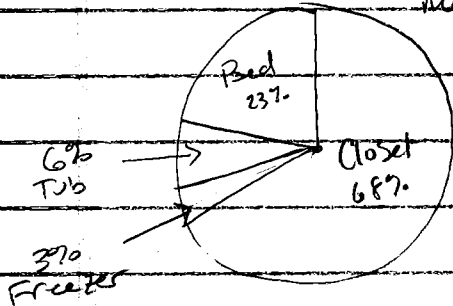


Circle Graphs

$$\frac{\text{part}}{\text{whole}} \cdot 360^\circ = \text{measure of central angle of part}$$

Example 2 (5) 68% - closet $.68 \cdot 360 = 244.8^\circ$
 23% - bed $.23 \cdot 360 = 82.8^\circ$
 6% - tub $.06 \cdot 360 = 21.6^\circ$
 3% - Freezer $.03 \cdot 360 = 10.8^\circ$

Where do you hide the mess?



360°

Time Plot - Displays the change of data over time

Average change in male height

