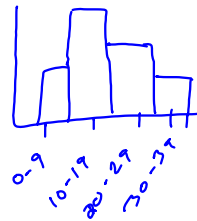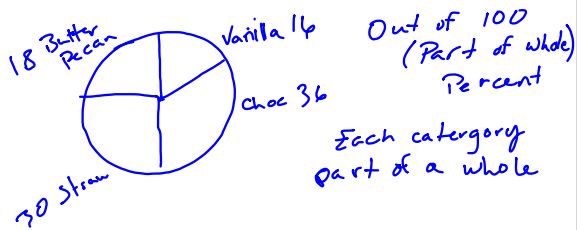**3.6 Choosing a Data Display**

Histogram
Cicle Graph
Stem and Leaf
Box and Whisker

Histogram

Is each item Represented No
Group into Intervals
datas avaviable
In groups

---

18 Butter Pecan
Vanila 16
Choc 36
30 Straw

Out of 100
(Part of whole)
Percent

Each catergory
part of a whole

Stem and Leaf Plot

2	1 3
3	4 5 7
4	7 (7) 9
5	2 3 4
6	1 5

2|1 = 21

mode : 47

Averages easier
to find

median: 47

Each data value is visible

Box and Whisker
outlier

25% 25% 25%   25%
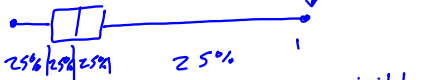
Is all data visible
use medians to find points
can we find the mode

Choosing a display

- Survey sent out asking people to select one of four brands
  - certain number
  - perants of total for each brand

Circle graph

Comparing sizes of infants
to a national average

percentiles   50