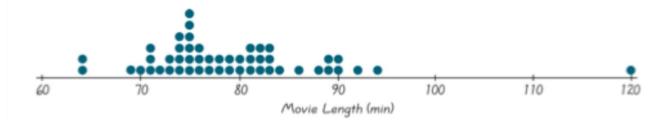
2.3: Other graphs

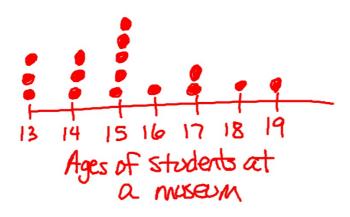
Dot plot
Stem plot (stem and leaf)
Circle graph
Scatter diagram

Dot plot

Consists of a graph in which each data value is plotted as a point along a scale of values



Dot plot (ages of students at a museum)
13 15 16 17 13 18 15 14 14 15 13 15
17 19 14 15



Stem Plot

Represents data by separating each value into two parts: the stem (such as the leftmost digit) and the leaf (such as the rightmost digit)

	4/1=4.1 3/7=3.7
2 3 4 5	DI DI137 112999

Stem-and-Leaf Plot

Stem (tens)	Leaves (units)	
6	449	← Values are 64,
7	01112334444555555666778899	64, 69.
8	0011122233346899	
9	0024	6)4 = 64
10		-11
11		
12	1 0	← Value is 120.

Stem Plot

Amount of water (in gallons) consumed by 24 elephants

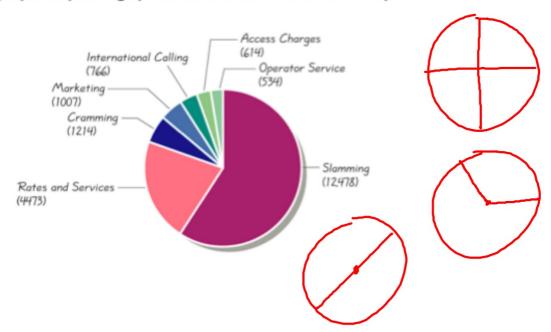
33 45 34 47 43 48 35 69 45 60 46 51

41 60 66 41 32 40 44 39 46 33 53 53

$$tens \mid digits \quad fay: 3 \mid 2 = 32$$
 $3 \mid 2 \mid 3 \mid 3 \mid 4 \mid 5 \mid 5 \mid 6 \mid 6 \mid 7 \mid 8$
 $5 \mid 133$
 $6 \mid 0069$

Circle Graph

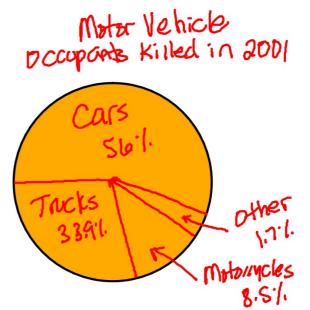
A graph depicting qualitative data as slices of a pie



Circle Graph Motor vehicle occupants killed in 2001

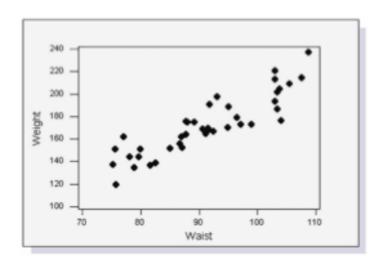
Cars 20,269 561.
Trucks 12,260 33.91.
Motorcycles 3,067 8.51.
Other 610 1.71.

Total: 36,206



Scatter diagram

A plot of paired (x,y) data with a horizontal x-axis and a vertical y-axis



Scatter Diagram

