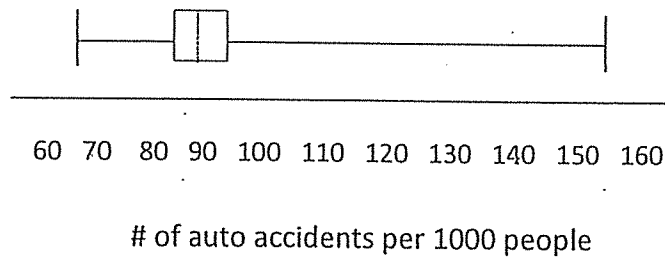


## Box Plots

Here are the number of auto accidents per year for every 1000 people in 38 occupations:  
 67, 75, 76, 76, 76, 77, 78, 78, 79, 84, 84, 84, 85, 86, 87, 87, 88, 88, 89, 89, 89,  
 90, 90, 90, 90, 91, 93, 94, 94, 95, 96, 98, 99, 102, 105, 106, 109, 152

Below is a box plot. It's another plot you can use to find shape.



You can see from this that the data is skewed right.

1. Make box plots for these two data sets. Then write a paragraph describing their center, spread, and shape.

Data Set #1: This is the percentage of people eligible for a low-income Medicare drug plan in various states.

24	27	12	38	21	26	23	33	19	19	26	28	16	21
28	20	21	41	22	16	29	26	22	16	27	22	19	22
22	22	30	20	21	34	26	20	25	19	17	21	27	19
27	34	20	30	20	21	14	18						

Data Set #2: This is the number of times during the semester that 39 students in a class visited a website that makes notes, homeworks, and grades available online:

20	37	4	20	0	4	14	36	5	19	0	13	42
0	22	3	13	14	36	4	0	18	8	0	26	12
4	0	5	23	19	7	12	8	13	16	21	7	8