

Find the mode, median, mean, range, lower quartile, and upper quartile for each data set.

1) Academy Awards Won by Movie

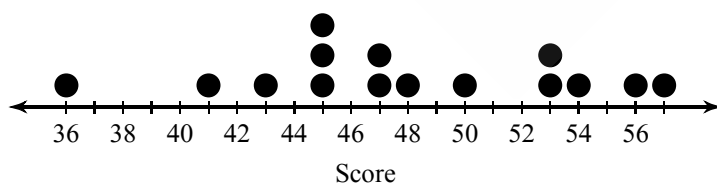
# Awards	Frequency
2	2
3	2
4	2
5	5
6	2
7	1
9	1
11	1

2) Mens Heights (Inches)

76	72	65	70	69	69	65
69	67	76	75	72	59	67
64	73	72				

3)

Test Scores



4) Goals in a Hockey Game

Goals	Frequency
3	3
4	2
5	1
7	6
8	1
9	2
11	1

5) Games per World Series

7 7 7 7 7 7 4 4
6 5 4 6 6 6 7 7
6

6) Annual Precipitation (Inches)

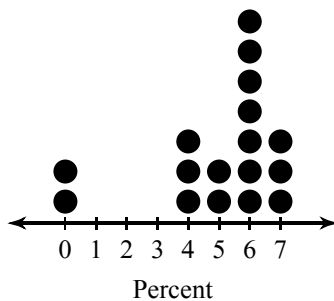
Stem	Leaf
1	5 7
2	
3	5 9 9
4	5 7 9
5	1 3 4 9
6	5 7 7 9

Key: 4|5 = 45

7) Age at First Job

16 13 15 18 17 20 15
18 21 13 17 12 16 14
16

8) Sales Tax by State



Answers to

- 1) Mode = 5, Median = 5,
Mean = 5.13, Range = 9,
 $Q_1 = 3.5$ and $Q_3 = 6$
- 2) Mode = 69 and 72, Median = 69,
Mean = 69.41, Range = 17, $Q_1 = 66$
and $Q_3 = 72.5$
- 3) Mode = 45, Median = 47, Mean = 48, Range = 21,
 $Q_1 = 45$ and $Q_3 = 53$
- 4) Mode = 7, Median = 7,
Mean = 6.31, Range = 8, $Q_1 = 4$
and $Q_3 = 7.5$
- 5) Mode = 7, Median = 6,
Mean = 6.06, Range = 3, $Q_1 = 5.5$
and $Q_3 = 7$
- 6) Mode = 39 and 67, Median = 50,
Mean = 48.19, Range = 54,
 $Q_1 = 39$ and $Q_3 = 62$
- 7) Mode = 16, Median = 16,
Mean = 16.07, Range = 9, $Q_1 = 14$ and
 $Q_3 = 18$
- 8) Mode = 6, Median = 6,
Mean = 5, Range = 7, $Q_1 = 4$ and
 $Q_3 = 6$

