

Visualizing Data

Draw a dot plot for each data set.

1) Games per World Series

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

2) Age Assumed Office

Senator	Age	Senator	Age	Senator	Age	Senator	Age	Senator	Age
Mary Landrieu	41	Jon Tester	50	Mike Enzi	52	Barbara Boxer	52	Lamar Alexander	62
Mike Crapo	47	Tim Johnson	50	Dick Durbin	52	Sherrod Brown	54	Richard Blumenthal	64
John Cornyn	50	Jeff Sessions	50	Bob Menendez	52	John Barrasso	54	Angus King	68

Draw a stem-and-leaf plot for each data set.

3) Annual Precipitation (Inches)

9.2 15.6 15.8 22.4 26.4
 34 34.4 34.8 38.8 39.6
 45.2 50.4 51.6 55.6 55.6
 56.6 69.2

4)

Per Capita Income

Country	US \$
Central African Rep.	604
Djibouti	2,998
Yemen	3,958
Laos	4,812

Country	US \$
Uzbekistan	5,167
Rep. of Congo	5,867
Mongolia	9,433
Grenada	11,498

Country	US \$
Maldives	11,654
South Africa	12,504
Botswana	15,675
Gabon	19,260

Country	US \$
Chile	21,911
Japan	36,315
Belgium	40,338
United Arab Emirates	58,042

Draw a box-and-whisker plot for each data set.

5)

Test Scores

37 38 39 44 44 45 46
 47 47 47 47 48 51 52
 52 53 54

6)

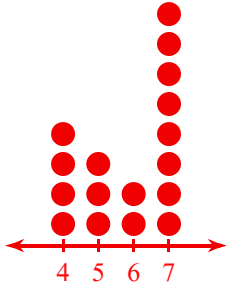
Life Expectancy

State	Years	State	Years
Arkansas	74.2	Wisconsin	79.8
New Mexico	77.7	Washington	80.3
Alabama	78.1	Colorado	80.9
Louisiana	78.2	Indiana	81.3
Wyoming	78.4	Nevada	81.3
Kansas	78.6	Pennsylvania	81.6
Maine	79.1	Florida	81.7
Hawaii	79.7	Massachusetts	83.8

Visualizing Data

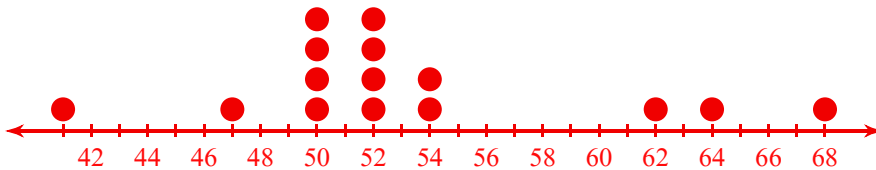
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Draw a stem-and-leaf plot for each data set.

3) Annual Precipitation (Inches)

Stem	Leaf
0	9
1	6 6
2	2 6
3	4 4 5 9
4	0 5
5	0 2 6 6 7
6	9

Key: 3|4 = 34

4)

Per Capita Income

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Stem	Leaf
0	1 3 4 5 5 6 9
1	1 2 3 6 9
2	2
3	6
4	0
5	8

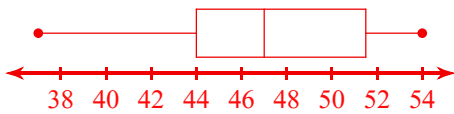
Key: 1|2 = 12,000

Draw a box-and-whisker plot for each data set.

5)

Test Scores

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 47 47 47 47 48 51 52
 52 53 54



6)

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