

Name: _____

Date: _____

Make a stem-and-leaf plot

Make stem-and-leaf plots for the given data.

- 1) 26, 37, 48, 33, 49, 26, 19, 26, 48

Stem	Leaf

Key: 3|7 = _____

- 2) 67, 42, 58, 41, 54, 65, 65, 54, 69, 53

Stem	Leaf

Key: 6|5 = _____

- 3) 552, 547, 578, 543, 559, 565, 544, 552

Stem	Leaf

Key: 55|9 = _____

- 4) 5.8, 6.4, 5.8, 7.5, 6.9, 8.4, 7.6, 6.4, 8.7

Stem	Leaf

Key: 8|4 = _____

- 5) 74, 88, 97, 72, 79, 86, 95, 79, 83, 91

Stem	Leaf

Key: 8|6 = _____

- 6) 258, 267, 256, 275, 269, 256, 269, 256

Stem	Leaf

Key: 26|9 = _____

Answers

Make stem-and-leaf plots for the given data.

1) 26, 37, 48, 33, 49, 26, 19, 26, 48

Stem	Leaf
1	9
2	6 6 6
3	3 7
4	8 8 9

Key: 3|7 = 37

2) 67, 42, 58, 41, 54, 65, 65, 54, 69, 53

Stem	Leaf
4	1 2
5	3 4 4 8
6	5 5 7 9

Key: 6|5 = 65

3) 552, 547, 578, 543, 559, 565, 544, 552

Stem	Leaf
54	3 4 7
55	2 2 9
56	5
57	8

Key: 55|9 = 559

4) 5.8, 6.4, 5.8, 7.5, 6.9, 8.4, 7.6, 6.4, 8.7

Stem	Leaf
5	8 8
6	4 4 9
7	5 6
8	4 7

Key: 8|4 = 8.4

5) 74, 88, 97, 72, 79, 86, 95, 79, 83, 91

Stem	Leaf
7	2 4 9 9
8	3 6 8
9	1 5 7

Key: 8|6 = 86

6) 258, 267, 256, 275, 269, 256, 269, 256

Stem	Leaf
25	6 6 6 8
26	7 9 9
27	5

Key: 26|9 = 269

Name: _____

Date: _____

Make a stem-and-leaf plot

Make stem-and-leaf plots for the given data.

1) 3.5, 4.8, 5.3, 3.6, 4.8, 5.2, 3.2, 4.3, 5.9, 3.7

Stem	Leaf

Key : 5|3 = _____

2) 805, 819, 805, 825, 839, 800, 816, 824

Stem	Leaf

Key : 81|9 = _____

3) 98, 85, 73, 61, 84, 74, 60, 98, 69, 85

Stem	Leaf

Key : 9|8 = _____

4) 139, 126, 111, 136, 112, 135, 135

Stem	Leaf

Key : 12|6 = _____

5) 248, 265, 254, 254, 242, 266, 247, 250

Stem	Leaf

Key : 26|5 = _____

6) 66, 54, 79, 88, 75, 57, 71, 52, 75

Stem	Leaf

Key : 8|8 = _____

Answers

Make stem-and-leaf plots for the given data.

1) 3.5, 4.8, 5.3, 3.6, 4.8, 5.2, 3.2, 4.3, 5.9, 3.7

Stem	Leaf
3	2 5 6 7
4	3 8 8
5	2 3 9

Key: 5|3 = 5.3

2) 805, 819, 805, 825, 839, 800, 816, 824

Stem	Leaf
80	0 5 5
81	6 9
82	4 5
83	9

Key: 81|9 = 819

3) 98, 85, 73, 61, 84, 74, 60, 98, 69, 85

Stem	Leaf
6	0 1 9
7	3 4
8	4 5 5
9	8 8

Key: 9|8 = 98

4) 139, 126, 111, 136, 112, 135, 135

Stem	Leaf
11	1 2
12	6
13	5 5 6 9

Key: 12|6 = 126

5) 248, 265, 254, 254, 242, 266, 247, 250

Stem	Leaf
24	2 7 8
25	0 4 4
26	5 6

Key: 26|5 = 265

6) 66, 54, 79, 88, 75, 57, 71, 52, 75

Stem	Leaf
5	2 4 7
6	6
7	1 5 5 9
8	8

Key: 8|8 = 88

Name: _____

Date: _____

Make a stem-and-leaf plot

Make stem-and-leaf plots for the given data.

1) 717, 725, 708, 719, 700, 729, 718, 700

Stem	Leaf

Key: 70|0 = _____

2) 37, 65, 34, 52, 65, 36, 53, 30, 41

Stem	Leaf

Key: 5|2 = _____

3) 17, 33, 25, 47, 46, 25, 46, 38, 44

Stem	Leaf

Key: 1|7 = _____

4) 978, 963, 984, 955, 969, 970, 963, 985

Stem	Leaf

Key: 98|5 = _____

5) 4.2, 7.0, 5.3, 6.9, 5.2, 7.4, 4.2, 5.5, 7.3, 5.4

Stem	Leaf

Key: 4|2 = _____

6) 67, 52, 78, 59, 63, 70, 55, 67, 50, 55

Stem	Leaf

Key: 6|3 = _____

Answers

Make stem-and-leaf plots for the given data.

1) 717, 725, 708, 719, 700, 729, 718, 700

Stem	Leaf
70	0 0 8
71	7 8 9
72	5 9

Key: 70|0 = 700

2) 37, 65, 34, 52, 65, 36, 53, 30, 41

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

Key: 5|2 = 52

3) 17, 33, 25, 47, 46, 25, 46, 38, 44

Stem	Leaf
1	7
2	5 5
3	3 8
4	4 6 6 7

Key: 1|7 = 17

4) 978, 963, 984, 955, 969, 970, 963, 985

Stem	Leaf
95	5
96	3 3 9
97	0 8
98	4 5

Key: 98|5 = 985

5) 4.2, 7.0, 5.3, 6.9, 5.2, 7.4, 4.2, 5.5, 7.3, 5.4

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

Key: 4|2 = 4.2

6) 67, 52, 78, 59, 63, 70, 55, 67, 50, 55

Stem	Leaf
5	0 2 5 5 9
6	3 7 7
7	0 8

Key: 6|3 = 63

Name: _____

Date: _____

Make and Interpret plot

A) The average age of players in Major League Baseball teams are given below.

30.6, 29.5, 28.8, 28.3, 29.2, 30, 29.6, 29.4, 28.7, 29.6, 29.7, 28.9, 28.6

Make a stem-and-leaf plot of the given data and answer the following questions.

Stem	Leaf



Key : 28|3 = _____

- 1) What is the highest average age among the teams? _____
- 2) How many teams participated in the Major League Baseball? _____
- 3) What is the median of the given data? _____
- 4) What is the average age of the players participating in the Major League Baseball? _____
- 5) How many teams have the average ages between 28 to 29? _____

Answers

A) The average age of players in Major League Baseball teams are given below.

30.6, 29.5, 28.8, 28.3, 29.2, 30, 29.6, 29.4, 28.7, 29.6, 29.7, 28.9, 28.6

Make a stem-and-leaf plot of the given data and answer the following questions.

Stem	Leaf
28	3 6 7 8 9
29	2 4 5 6 6 7
30	0 6



Key : 28|3 = 28.3 years

- 1) What is the highest average age among the teams? 30.6 years
- 2) How many teams participated in the Major League Baseball? 13 teams
- 3) What is the median of the given data? 29.4 years
- 4) What is the average age of the players participating in the Major League Baseball? 29.3 years
- 5) How many teams have the average ages between 28 to 29? 5 teams

Name: _____

Date: _____

Make and Interpret plot

A) The heights of buildings in a street are given here in feet.

462, 471, 483, 499, 450, 475, 452, 466, 474, 452, 478, 454

Make a stem-and-leaf plot of the given data and answer the following questions.

Stem	Leaf



Key : 48|3 = _____

1) What is the height of the second tallest building? _____

2) What is the range of the given data? _____

3) How many buildings have the same height? _____

4) What is the difference in height between the third tallest and the 5th tallest building? _____

5) What is the average height of buildings on the street? _____

Answers

A) The heights of buildings in a street are given here in feet.

462, 471, 483, 499, 450, 475, 452, 466, 474, 452, 478, 454

Make a stem-and-leaf plot of the given data and answer the following questions.

Stem	Leaf
45	0 2 2 4
46	2 6
47	1 4 5 8
48	3
49	9



Key : 48|3 = 483 feet

- 1) What is the height of the second tallest building? 483 feet
- 2) What is the range of the given data? 49 feet
- 3) How many buildings have the same height? 2 buildings
- 4) What is the difference in height between the third tallest and the 5th tallest building? 4 feet
- 5) What is the average height of buildings on the street? 468 feet

Name: _____

Date: _____

Make and Interpret plot

A) At Majestic bakery, the doughnuts sold over a period of ten days are given below.

59, 40, 56, 59, 59, 75, 77, 64, 60, 41

Make a stem-and-leaf plot of the given data and answer the following questions.

Stem	Leaf



Key: 5 | 6 = _____

- 1) What is the minimum number of doughnuts sold? _____
- 2) How many days had sales of doughnuts above 50? _____
- 3) What is the range of sales of doughnuts? _____
- 4) How many days had the same number of sales? _____
- 5) What is the average sales of doughnuts? _____

Answers

A) At Majestic bakery, the doughnuts sold over a period of ten days are given below.

59, 40, 56, 59, 59, 75, 77, 64, 60, 41

Make a stem-and-leaf plot of the given data and answer the following questions.

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

Key: 5 | 6 = 56 doughnuts



1) What is the minimum number of doughnuts sold?

40 doughnuts

2) How many days had sales of doughnuts above 50?

8 days

3) What is the range of sales of doughnuts?

37 doughnuts

4) How many days had the same number of sales?

3 days

5) What is the average sales of doughnuts?

59 doughnuts