

Make and Interpret the Plot

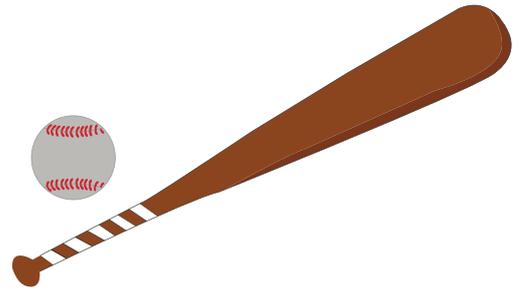
Level 2: S1

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? _____

Make and Interpret the Plot

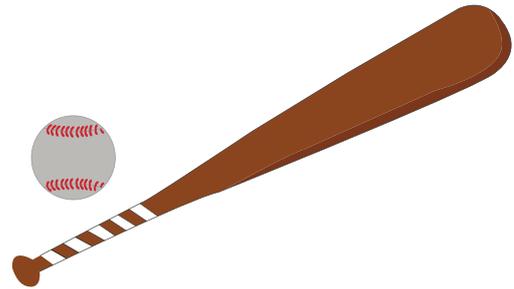
Level 2: S1

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

Make and Interpret the Plot

Level 2: S2

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

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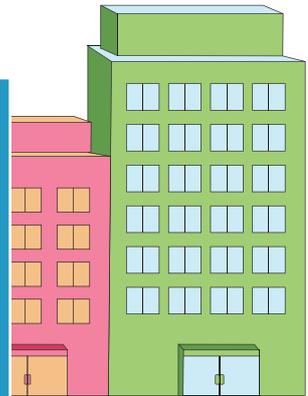
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1) What is the height of the tallest building? _____

2) What is the range of the heights? _____

3) How many buildings are there? _____

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? _____

Make and Interpret the Plot

Level 2: S2

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
47	1
48	3
49	9

Key : 48 | 3

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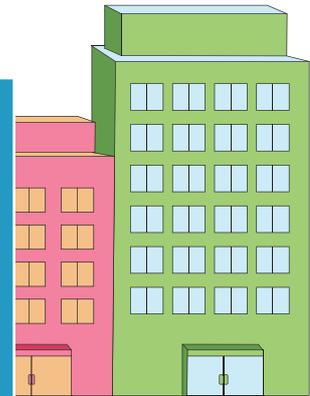
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1) What is the height of the tallest building?

483 feet

2) What is the range of the heights of the buildings?

49 feet

3) How many buildings are there in the street?

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

Make and Interpret the Plot

Level 2: S3

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



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1) What is the minimum sales?

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

3) What is the range of sales?

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

5) What is the average sales of doughnuts?

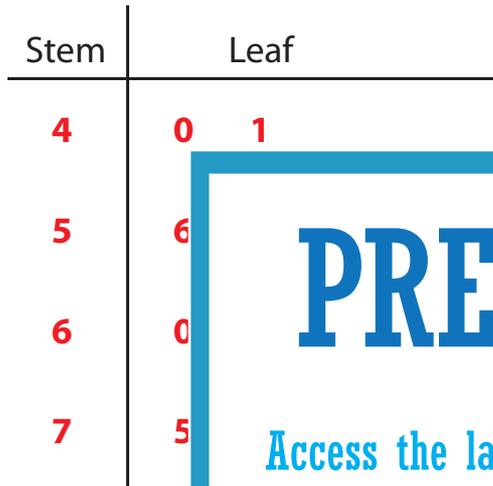
Make and Interpret the Plot

Level 2: S3

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.



Key : 5 | 6

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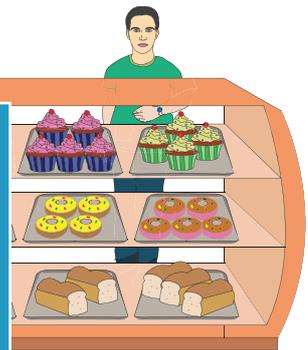
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1) What is the minimum sales?

40 doughnuts

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

8 days

3) What is the range of sales?

37 doughnuts

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

3 days

5) What is the average sales of doughnuts?

59 doughnuts
