

key**Make and Interpret the Plot**

Level 1: S1

A) The shoe sizes of a batch of European tourists visiting the Capitol are given below.

~~25, 47, 39, 45, 26, 46, 38, 29, 44, 38, 46, 24, 37, 46, 25~~

24, 25, 25, 26, 29, 31, 38, 38, 39, 44, 45, 46, 46, 46, 47

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

tens Stem	ones Leaf
2	4, 5, 5, 6, 9
3	7, 8, 8, 9
4	4, 5, 6, 6, 6, 7



Key: 2|5 = 25

1) Which shoe size is worn by most of the tourists?

46

2) What is the maximum shoe size worn among the tourists?

47

3) How many tourists wear shoes below size 40?

9

4) What is the minimum shoe size worn among the tourists?

24

5) How many European tourists visited the Capitol?

15

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.

~~28.3, 28.6, 28.7, 28.8, 28.9, 29.2, 29.4, 29.5,~~

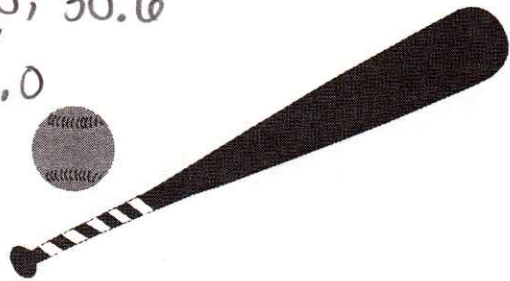
whole # Stem	decimals Leaf
28	3
28	6, 7, 8, 9
29	2, 4
29	5, 6, 6, 7
30	0
30	6

~~29.6, 29.6, 29.7,~~

30, 30.6

↓

30.0



Key: $28|3 = 28.3$

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