Reading stem-and-leaf plots

Grade 5 Data Worksheet

Study the stem-and-leaf plots and answer the questions.

A) The university librarian listed the daily number of books returned by the students.

Stem	Leaf					
1	7	9				
2	2	3	5	5	8	
3	1	4	8	8	8	9
4	0	0	3			
5	1	3	4	6	7	8

Key: 5 | 4 = **54 books**

1. What was the greatest number of books returned in a day?   _____

2. How many days were there between 20 and 30 books returned?   _____

3. How many days were there more than 30 books returned?   _____

4. What number of books returned was most common?   _____

B) The bus company manager made a stem-and-leaf plot of kilometers their commuter buses traveled yesterday.

Stem	Leaf					
11	5	9				
12	2	5	6	7	8	
13	1	3	5	6	7	9
14	0	3	3	3	6	
15	0	2	6	9		

Key: 12 | 6 = **126 km**

1. How many commuter busses does the company have?   _____

2. Which was the longest distance traveled by a bus?   _____

3. How many busses traveled more than 130 km?   _____

4. How many busses traveled between 110 and 130 km?   _____

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Answers:

A) The university librarian listed the daily number of books returned by the students.

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4	0	0	3			
5	1	3	4	6	7	8

Key: 5 | 4 = **54 books**

1. What was the greatest number of books returned in a day?   **58 books**
2. How many days were there between 20 and 30 books returned?   **5 days**
3. How many days were there more than 30 books returned?   **15 days**
4. What number of books returned was most common?   **38 books**

B) The bus company manager made a stem-and-leaf plot of kilometers their commuter buses traveled yesterday.

Stem	Leaf					
11	5	9				
12	2	5	6	7	8	
13	1	3	5	6	7	9
14	0	3	3	3	6	
15	0	2	6	9		

Key: 12 | 6 = **126 km**

1. How many commuter busses does the company have?   **22 busses**
2. Which was the longest distance traveled by a bus?   **159 kilometers**
3. How many busses traveled more than 130 km?   **15 busses**
4. How many busses traveled between 110 and 130 km?   **7 busses**