

Reading and Interpreting Stem-and-Leaf Plots

- 1) A shipping company downtown weighs the packages it received on Monday. The weights are plotted on a stem-and-leaf plot. Read and interpret the plot to answer the questions below.

Stem	Leaf							Key: 1 1 = <u>11 pounds</u>
0	1	2	3	4	7	8	9	
1	0	1	5	6				
2	2	3	4	6	7	8		
5	1	4	4	5				
6	3	6	8	9	9			

- a) How many packages weighed more than 10 pounds? _____
- b) Find the total number of packages received on Monday. _____
- c) How many packages weighed less than 22 pounds? _____

- 2) The stem-and-leaf plot illustrates the runway times of different airplanes at an airport. Read and interpret the plot to answer the questions.

Stem	Leaf							Key: 2 4 = <u>24 minutes</u>
0	3	4	5	6	7	8	9	
1	0	1	1	1	4	6		
2	1	3	4	5	6	7		

- a) How many airplanes take less than 10 minutes to take off? _____
- b) Find the number of airplanes that take 11 minutes to get off the ground. _____
- c) How many airplanes does the data give information about? _____