

Reading and Interpreting Stem-and-Leaf Plots Answer Key

- 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						
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		

Key: 1 | 1 = 11 pounds

- a) How many packages weighed more than 10 pounds? 18 packages
- b) Find the total number of packages received on Monday. 26 packages
- c) How many packages weighed less than 22 pounds? 11 packages
- 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						
0	3	4	5	6	7	8	9
1	0	1	1	1	4	6	
2	1	3	4	5	6	7	

Key: 2 | 4 = 24 minutes

- a) How many airplanes take less than 10 minutes to take off? 7 airplanes
- b) Find the number of airplanes that take 11 minutes to get off the ground. 3 airplanes
- c) How many airplanes does the data give information about? 19 airplanes