

LESSON
13.7**Practice A***For use with pages 881–886***List the data given by the stem-and-leaf plot.**

1.	0		4	5	7	
	1		0	2	5	5
	2		1	9		
	3		2	4	6	
	4		8			

Key: 1 | 5 = 15

2.	1		0	1	1	2
	2		3	5	7	
	3		2			
	4		8			
	5		2			

Key: 2 | 3 = 2.3**Give two possible keys for the stem-and-leaf plot.**

3.	6		6	7	9	
	7		0	3	4	6
	8		2	4		
	9		5	8		
	10		0			

4.	0		0	4	5	6	7	8
	1		1	1	2	2	5	
	2		3	6	9			
	3		0	1	2	7		
	4		9	9				

Make a stem-and-leaf plot of the data.

5. 21, 36, 51, 16, 22, 18, 22,
32, 47, 25, 48, 35, 33

6. 35, 26, 11, 7, 2, 34, 11, 25, 8,
13, 26, 9, 12, 11

7. 84, 71, 62, 50, 52, 65, 87, 51,
73, 80, 54, 64, 73, 59, 56

8. 82, 69, 73, 90, 77, 68, 91, 86, 84,
75, 79, 89, 78

Name the intervals you would use to create a histogram of the data.

9. 1, 5, 11, 13, 20, 4, 15, 9, 12, 8, 4, 5, 7, 10

10. 53, 87, 98, 66, 69, 70, 75, 100, 88, 83, 77

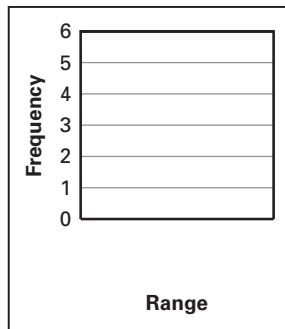
11. 2.4, 5.5, 3.2, 4, 5.7, 2.9, 3.6, 4.8, 2,
3.4, 5.2, 3

12. 112, 109, 124, 130, 126, 104, 115, 129, 117

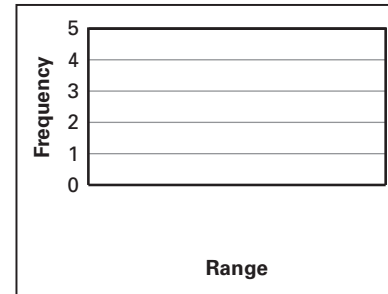
LESSON
13.7
Practice A *continued*
 For use with pages 881–886

Make a histogram of the data.

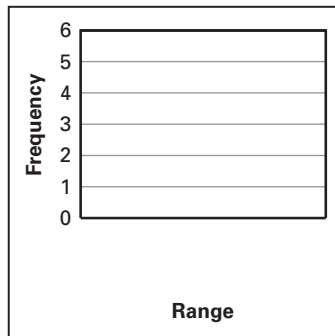
- 13.** 7, 12, 29, 15, 8, 2, 0, 17, 22, 25, 28, 8, 11, 10



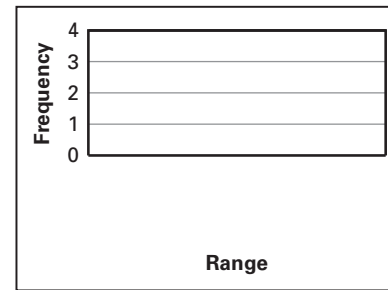
- 14.** 43, 52, 40, 58, 45, 58, 60, 51, 43, 47, 54, 41



- 15.** 2.4, 1.5, 4.1, 3, 5, 3.1, 4.5, 2.1, 2.6, 4.8, 3.7, 2.5



- 16.** 20, 16.4, 18.5, 16, 17.5, 19.4, 18, 19.2, 18.8



- 17. Snowfall** The number of inches of snow that fell on 14 towns in a 50-mile radius during a snowstorm are given below. Make a stem-and-leaf plot of the data.
10, 15, 13, 15, 14, 5, 12, 9, 13, 10, 22, 4, 5, 9

- 18. Phone Numbers** A survey asked people how many phone numbers they have stored in their cell phone. The results are shown in the table.

Phone Numbers	0–5	6–10	11–15	16–20	21–25
Frequency	25	50	48	22	14

- a. Make a histogram of the data.
b. What is the probability that a person surveyed, chosen at random, has 6–10 phone numbers stored in his or her cell phone?

