

**LESSON
10.4****Practice B***For use with the lesson "Interpret Stem-and-Leaf Plots and Histograms"***Give two possible keys for the stem-and-leaf plot.**

1.

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

2.

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

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

3. 21, 10, 14, 26, 8, 30, 17, 15, 34, 27,
36, 20, 7, 19, 25, 33, 19, 32, 12, 25

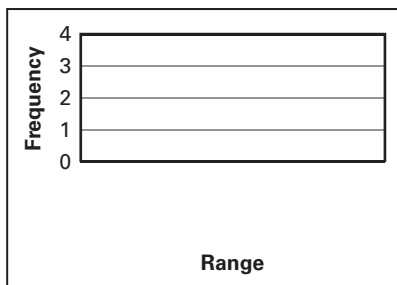
4. 52, 66, 61, 82, 51, 60, 62, 54, 73, 70,
89, 85, 74, 53, 61, 75, 89, 85, 77, 55

5. 3, 5, 11, 34, 28, 19, 4, 6, 14, 17, 22, 30,
1, 1, 9, 10, 24, 27, 33, 20, 9, 4

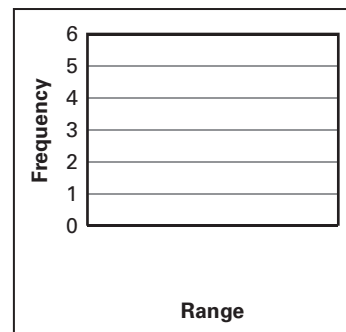
6. 0.1, 3.6, 2.2, 1.0, 2.1, 1.1, 0.2, 3.5,
3.1, 2.4, 0.3, 1.5, 2.3, 0.5, 1.2

Make a histogram of the data.

7. 78, 96, 72, 108, 82, 108, 99, 118, 94,
100, 86, 74



8. 58, 55, 65, 69, 66, 53, 60, 68, 61,
52, 66, 51

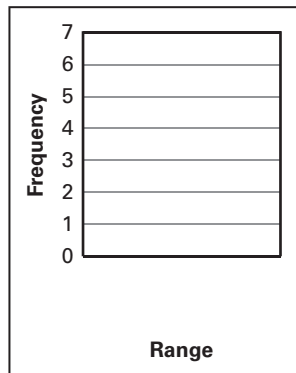


LESSON
10.4

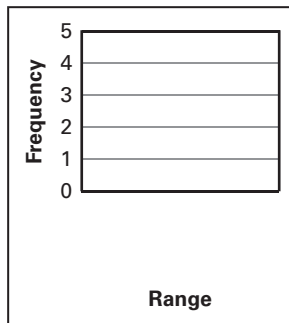
Practice B *continued*

For use with the lesson "Interpret Stem-and-Leaf Plots and Histograms"

9. 4, 2.7, 3.2, 3, 3.7, 2.9, 3.1, 2.6, 3.4, 3, 3.6, 2.9



10. 18, 17.1, 15.5, 16.3, 15.2, 17.4, 16.6, 17.2, 15.1



11. **Mountains** The table shows the heights of the world's 14 tallest mountains (in thousands of meters). Make a stem-and-leaf plot of the data.

Mountain	Height	Mountain	Height
Aconagua	7.0	Mt. Damavand	5.8
Annapurna	8.1	Mt. Everest	8.8
Cotopoxi	5.9	Mt. Godwin Austen (K-2)	8.6
Illampu	6.6	Mt. Logan	6.1
Kanchenjuga	8.6	Mt. Makalu	8.5
Kilimanjaro	5.9	Mt. McKinley	6.2
Lenin	7.1	Orizaba	5.7

12. **Books** A survey asked people how many books they have read in the last month. The results are shown in the table.

Books	0–5	6–11	12–17	18–23
Frequency	12	4	3	1

- a. Make a histogram of the data.
b. What is the probability that a person surveyed, chosen at random, has read 0–5 books in the last month?

