

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

1.

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

2.

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

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

3. 125, 149, 142, 158, 135, 129, 141, 152,  
143, 138, 146, 161, 139, 127, 138

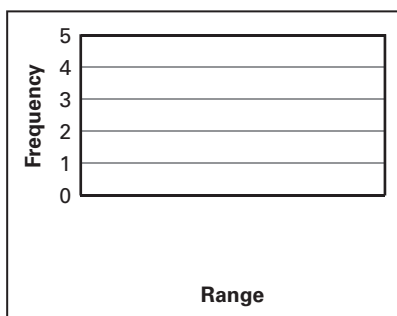
4. 78, 42, 87, 89, 55, 56, 60, 73, 49, 53, 60,  
77, 40, 66, 78, 87, 80, 45, 68, 89, 40

5. 1.3, 2.5, 0.4, 2.9, 2.0, 4.5, 3.9, 3.3, 0.7,  
1.4, 3.3, 2.0, 2.4, 4.5, 1.3, 3.5, 2.7

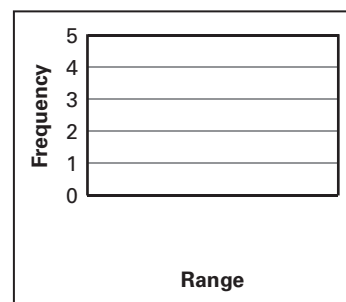
6. 1.08, 1.13, 1.26, 1.38, 1.14, 1.20, 1.10, 1.25,  
1.31, 1.07, 1.24, 1.26, 1.31, 1.34, 1.08

**Make a histogram of the data.**

7. 114, 141, 105, 159, 120, 159, 183,  
174, 138, 147



8. 47, 45, 53, 56, 54, 43, 47, 55, 50,  
42, 53, 41

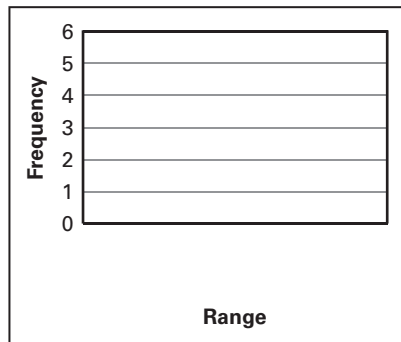


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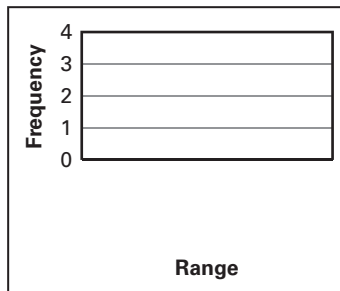
**Practice C** *continued*

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

9. 2.2, 4.3, 2.6, 3, 3.9, 2.8, 2.5, 2, 3.4, 3.6, 2.7, 2.5



10. 11, 10.4, 9.6, 10, 9.4, 10.8, 10.2, 10.5, 9.8



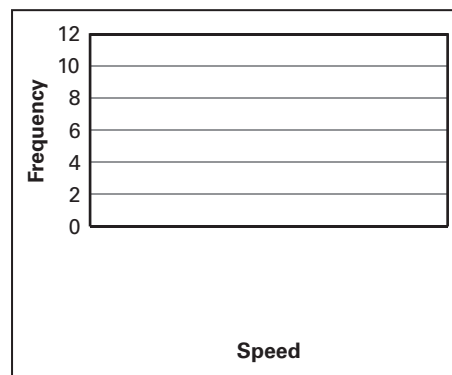
11. **Solar Eclipse** The widths (in miles) of the paths of total solar eclipses from 1990 to 2025 are given.

125, 160, 182, 117, 48, 221, 94, 69, 125, 54, 338, 17, 118, 157, 160, 164, 112, 36, 304, 96, 71, 125, 56, 282, 31, 127

- Make a stem-and-leaf plot of the widths.
- Find the median width and range of the widths.

12. **Speed** The speeds (in miles per hour) of the winners of the Indianapolis 500 auto race in the years 1970–2004 are given. Make a histogram of the data.

155.7, 157.7, 163.0, 159.0, 158.6, 149.2, 148.7, 161.3, 161.4, 158.9, 142.9, 139.1, 162.0, 162.1, 163.6, 153.0, 170.7, 162.2, 144.8, 167.6, 186.0, 176.5, 134.5, 157.2, 160.9, 153.6, 148.0, 145.8, 145.2, 153.2, 167.6, 131.3, 166.5, 156.3, 138.5



13. **Car Wash** A survey asked people how many times a year they wash their vehicles. The results are shown in the table.

<b>Car Washes</b>	0–19	20–39	40–59	60–79
<b>Frequency</b>	54	65	77	45

- Make a histogram of the data.
- What are the odds in favor of a person surveyed, chosen at random, washes his or her car 20–39 times a year?

