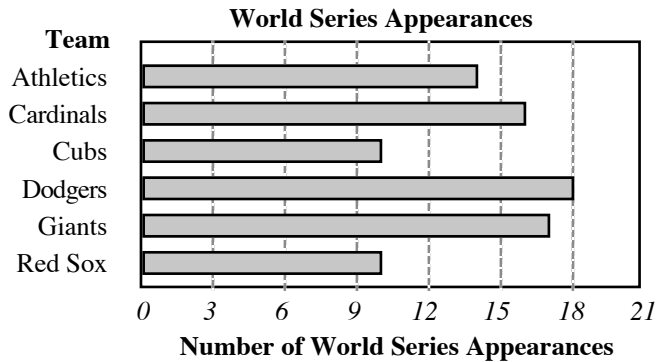


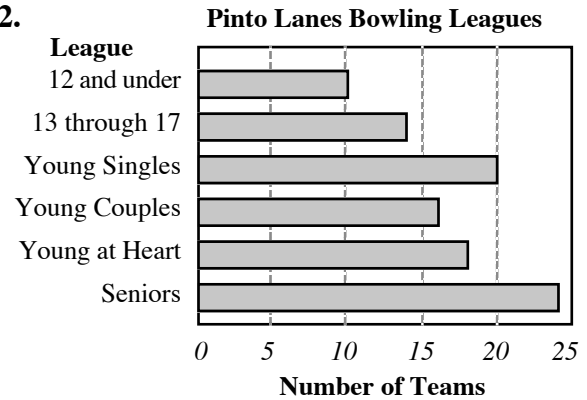
Chapter 8 Review Exercise Answers

Section 8.1

1.



2.



3.

Company	Revenue (in \$billions)
ConAgra Foods	22
General Mills	11
H. J. Heinz	9
Kellogg	9
PepsiCo	27
Sara Lee	18
Total	96

4.

Country	Number of Winners
Canada	16
Great Britain	4
Japan	7
Kenya	14
Other	24
Total	65

5.

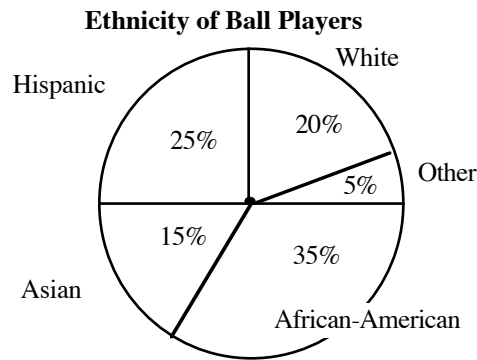
Advertising Budget Item	Percent of Budget	Total Amount of Budget
Magazine	10%	\$20,000
Newspaper	14%	\$28,000
Radio	25%	\$50,000
Television	46%	\$92,000
Other	5%	\$10,000
Total	100%	\$200,000

6.

Style of New Home	Percent of Development	Total Number of Homes
2BR, 1 Story	8%	40
3BR, 1 Story	26%	130
3BR, 2 Story	35%	175
4BR, 1 Story	19%	95
4BR, 2 Story	12%	60
Total	100%	500

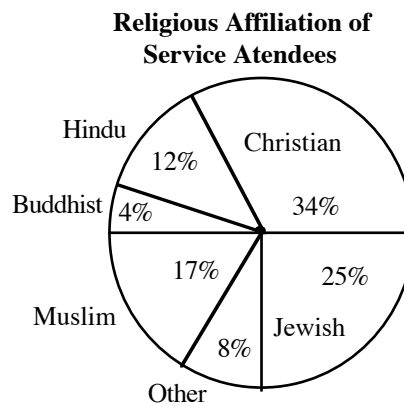
7.

Ethnicity	Percent of Players
African-American	35%
Asian	15%
Hispanic	25%
White	20%
Other	5%
Total	100%

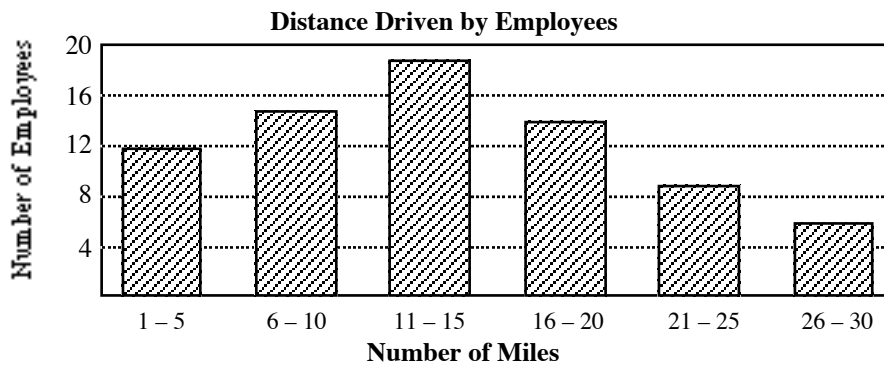


8.

Religion	Percent of Attendees
Buddhist	4%
Christian	34%
Hindu	12%
Jewish	25%
Muslim	17%
Other	8%
Total	100%



9. a)



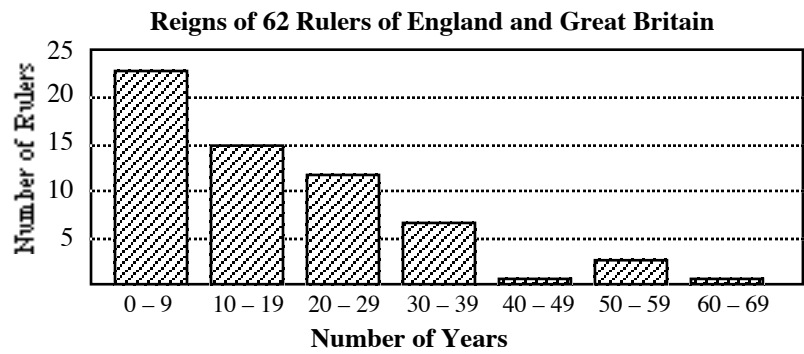
b) 27

c) 48

d) 29

10. a)

Number of Years	Number of Rulers
0 - 9	23
10 - 19	15
20 - 29	12
30 - 39	7
40 - 49	1
50 - 59	3
60 - 69	1
Total	62



11. a)

Number of Wins	Number of Teams
50 - 57	1
58 - 65	2
66 - 73	8
74 - 81	3
82 - 89	6
90 - 97	7
98 - 105	3
Total	30

12. a)

Number of Months	Number of Attendees
1 - 6	4
7 - 12	3
13 - 18	12
19 - 24	8
25 - 30	11
31 - 36	7
Total	45

b) 10 c) 17 d) 11

b) 7 c) 19 d) 7

13. Mean: 7.1; median: 7; mode: 6

14. Mean: 21.2; median: 21; mode: None

15. Mean: 4.3; median: 4.5; mode: 6

16. Mean: 14; median: 15.5; modes: 9 and 17

17. $\frac{37}{12} \approx 3.08$ 18. $\frac{33}{14} \approx 2.36$

$$19. \frac{3}{6} = \frac{1}{2}$$

$$20. \frac{2}{6} = \frac{1}{3}$$

$$21. \frac{4}{6} = \frac{2}{3}$$

$$22. \frac{0}{6} = 0$$

$$23. \frac{1}{6}$$

$$24. \frac{2}{6} = \frac{1}{3}$$

$$25. \frac{4}{8} = \frac{1}{2}$$

$$26. \frac{3}{8}$$

$$27. \frac{3}{8}$$

$$28. \frac{2}{8} = \frac{1}{4}$$

$$29. \frac{2}{8} = \frac{1}{4}$$

$$30. \frac{8}{8} = 1$$

$$31. \frac{5}{30} = \frac{1}{6}$$

$$32. \frac{6}{30} = \frac{1}{5}$$

$$33. \frac{9}{30} = \frac{3}{10}$$

$$34. \frac{8}{30} = \frac{4}{15}$$

$$35. \frac{10}{50} = \frac{1}{5}$$

$$36. \frac{15}{50} = \frac{3}{10}$$

$$37. \frac{5}{50} = \frac{1}{10}$$

$$38. \frac{12}{50} = \frac{6}{25}$$