

Section 7.1 Tables, Bar Graphs, Pictographs, and Line Graphs

Section 7.1 Practice Exercises

1. (a) Statistics

(b) table; cells

(c) pictograph

3. 20°

5. 77°

7. Since Mt. Everest is the highest mountain, look at the 2nd column to see that Mt. Everest is in Asia.

9. Heights are in the 3rd column. Mt. Aconcagua is 22,834 ft – 20,320 ft = 2514 ft higher than Denali.

11. $25.1 - 21.5 = 3.6$ yr

13. $24.3 - 21.5 = 2.8$ yr

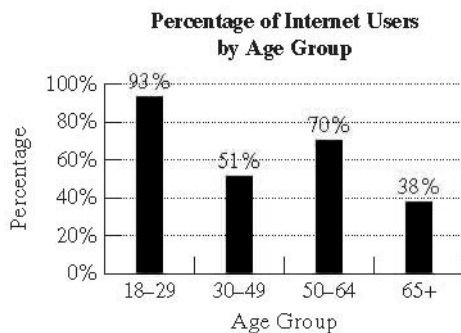
15. Men

17.

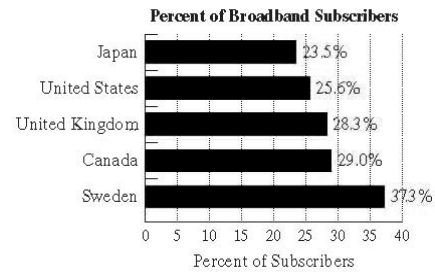
	Dog	Cat	Neither
Boy	4	1	3
Girl	3	4	5

19. (a) The 18-29 year age group has the greatest percentage of Internet users.

(b)



21.



23. (a) One icon represents 100 servings sold.

(b) The length of the “bar” for Saturday is given by $4\frac{1}{2}$ ice cream cones. There were about 450 servings sold on Saturday.

(c) The “bar” containing $2\frac{3}{4}$ ice cream cones corresponds to Sunday.

25. (a) The “bar” for *The Dark Knight* is about $6\frac{1}{2}$ icons, so the earnings were about \$65 million.

(b) *Spider-man 3* grossed approximately \$60 million since it has 6 icons.

(c) Counting all the icons there are about 22 total icons, so approximately \$220 million was earned from all four films.

27. In 1930, 55.6% of men and 7.2% of women were in the labor force.

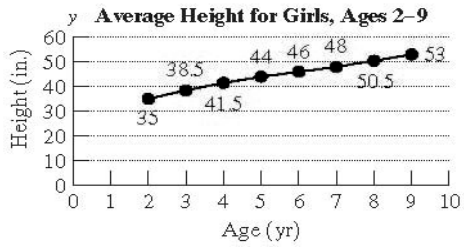
$$55.6\% - 7.2\% = 48.4\%$$

29. The trend for women over 65 in the labor force shows a slight increase.

31. For example: 18%

33. The most cars were sold in year 2. 22,400 cars were sold.
35. $22,400 - 17,600 = 4800$ There were 4800 more cars sold in year 2 than in year 1.
37. The greatest increase was between year 1 and year 2.

39. (a)



(b) The average height of a 10-year old girl will be about 55 in.

41. There are 14 servings per container. Each serving has 8 g of fat, so there are $8 \times 14 = 112$ g of fat in one container.

43. $8 \text{ g} = (0.13)x$
 $\frac{8 \text{ g}}{0.13} = \frac{0.13x}{0.13}$
 $61.5 \text{ g} \approx x$

The daily value of fat is approximately 61.5 g.