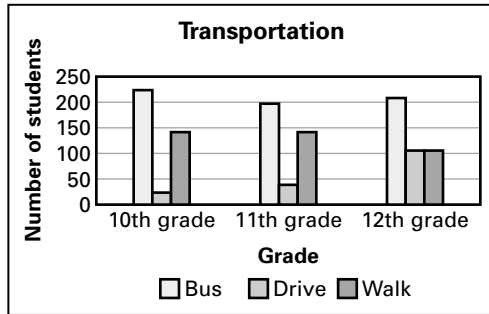


Practice B

For use with pages 40–45

Transportation In Exercises 1–3, use the bar graph, which shows the type of transportation students used to go to school at Adams High School in a recent year.



- Which class has the most students riding the bus to school?
- Which two classes have the same number of students walking to school?
- What is the most common form of transportation among 12th graders?

Schools The information below represents the fall enrollment of students (in millions) in grades K–8 for public and private schools.

Year	1980	1985	1990	1995
Public school	27.6	27.0	29.9	32.4
Private school	4.0	4.2	4.1	4.4

In Exercises 7 and 8, decide whether each statement is *true* or *false* based on the table.

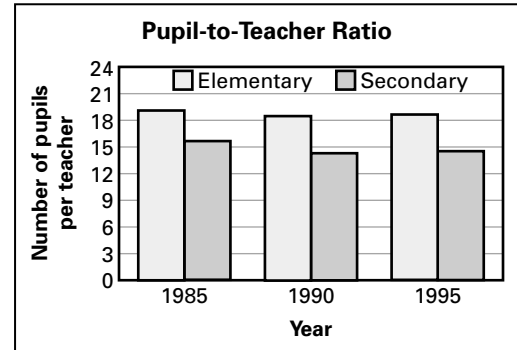
- The ratio of public to private enrollment has decreased overall from 1980 through 1995.
- The total number of students has increased.
- Construct a bar graph of the combined enrollment for public and private schools.

Life Expectancy In Exercises 14 and 15, use the information in the table, which gives the life expectancy in the United States for a child (at birth).

Year	1930	1940	1950	1960	1970	1980	1990	2000
Life expectancy (years)	59.7	62.9	68.2	69.7	70.8	73.7	75.4	76.4

- In which decade did life expectancy increase the most?
- Construct a line graph of these data and discuss what the line graph shows.

Ratios In Exercises 4–6, use the bar graph, which shows the pupil-to-teacher ratio for public schools in 1985, 1990, and 1995.



- Which year had the highest pupil-to-teacher ratio for secondary schools?
- What was the approximate pupil-to-teacher ratio for elementary schools in 1990?
- Which pupil-to-teacher ratio had the largest overall decrease from 1985 through 1990?

Business The following information a company's revenue and expenses (in thousands of dollars) for six months.

Month	July	Aug.	Sept.	Oct.	Nov.	Dec.
Revenue	48	39	36	42	57	62
Expenses	38	58	54	48	37	51

- In what month were the expenses the greatest?
- Profit is the difference of revenue and expenses. What was the company's profit in November?
- Construct a line graph of the company's revenue.
- Was it a profitable six months for the company? Explain.