

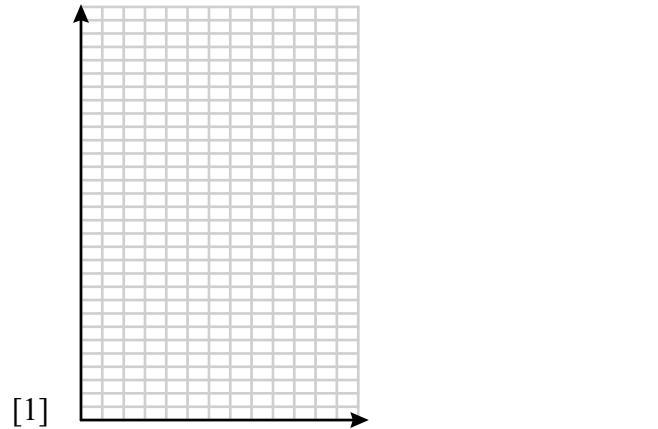
NAME: \_\_\_\_\_

1. The data in the tables below show U.S. Postal rates for first-class mail.

Weight (oz.)	1	2	3	4	5	6
Rate (\$)	0.33	0.55	0.77	0.99	1.21	1.43

Weight (oz.)	7	8	9	10	11
Rate (\$)	1.65	1.87	2.09	2.31	2.53

- a. What scales do you need to graph the data in the table?
- b. Draw the graph.



2. Average Number of Movies  
a Person Sees Each Year

United States	4.5
Canada	3.0
France	2.5
Austria	1.5
Turkey	0.5

The table above shows the average number of movies a person sees each year in a variety of countries. In which country do people generally view the greatest number of movies in a year? In which country do people generally view the least number of movies? Graph the number of movies viewed over a five-year period for each of these countries.

[2] \_\_\_\_\_

NAME: \_\_\_\_\_

3. The chart below shows the low temperatures for the months of December, January, and February for three years. Make a multiple line graph of the data.

Low Temperatures

	1990	1991	1992
Dec.	13°	5°	6°
Jan.	-2°	8°	10°
Feb.	5°	3°	12°

[3] \_\_\_\_\_

4. a. Use the data below about consumer credit to draw a double line graph.  
b. What trend do you see in the amount of consumer credit with retailers?  
c. What trend do you see in the amount of consumer credit with finance companies?

Consumer Credit (in billions of dollars)

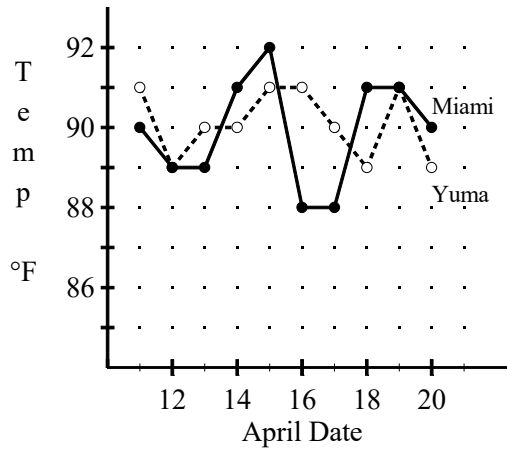
Year	Retailers	Finance Companies
1990	43.5	133.3
1991	39.8	121.9
1992	42.1	117.1
1993	47.4	117.0
1994	38.4	134.8

Source: 1996 Information Please Almanac

[4] \_\_\_\_\_

NAME: \_\_\_\_\_

5. The double line graph below compares high temperatures in Yuma and Miami in April. From the days listed, use the graph below to determine a date that Yuma's temperature was lower than Miami's.



[A] April 12

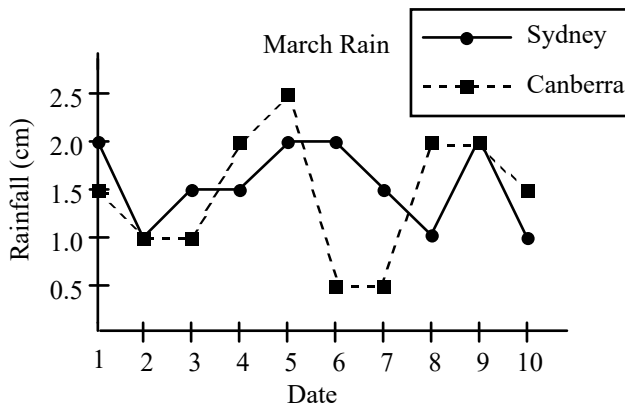
[B] April 13

[C] April 20

[D] April 17

[5] \_\_\_\_\_

6. The comparison line graph compares rainfall, in centimeters, in Sydney and Canberra in March 1993. Determine the rainfall on March 7.



[A] 0.5 cm

[B] 2 cm

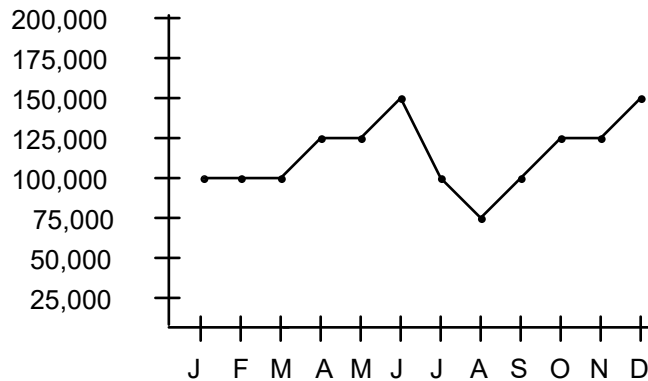
[C] 1 cm

[D] 1.5 cm

[6] \_\_\_\_\_

NAME: \_\_\_\_\_

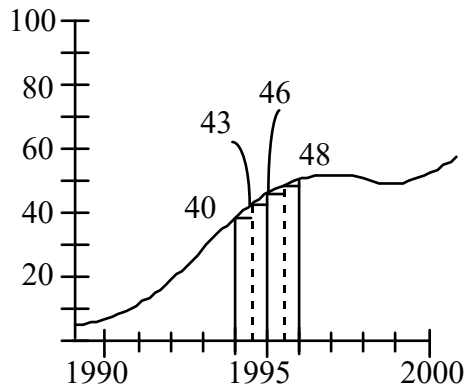
7. This graph shows the amount of sales made by Mrs. Sanchez for several months.



Her monthly salary can be found with the function  $p = 0.05s + 520$ , where  $p$  is the salary and  $s$  is the amount of sales that month. Find  $p$  for August.

[7] \_\_\_\_\_

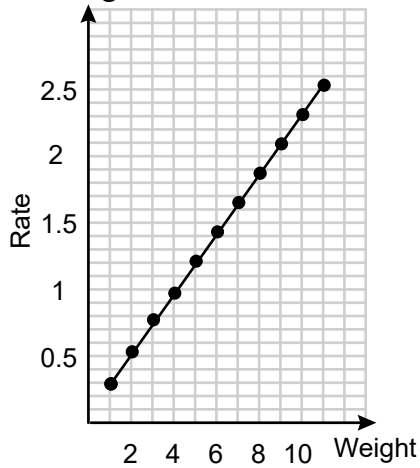
8. This curve shows how the number of new employees of a large company has changed over the past few years. Find the total number of people hired from 1994 to 1996 using the given rectangles.



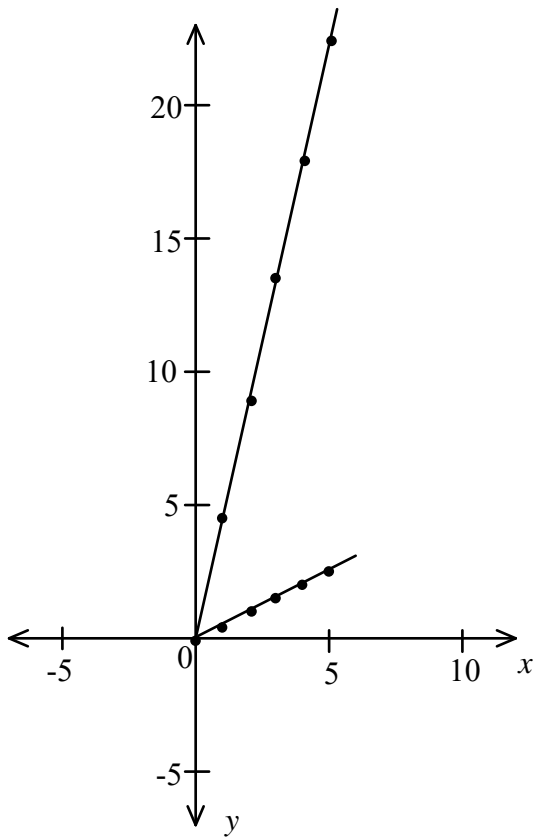
[8] \_\_\_\_\_

a. The  $x$ -values range from 1 to 11. Use a scale from 0 to 12 and label intervals of 2 on the  $x$ -axis. The  $y$ -values range from 0.33 to 2.53. Choose a scale from 0 to 3 and label intervals of 0.5 on the  $y$ -axis.

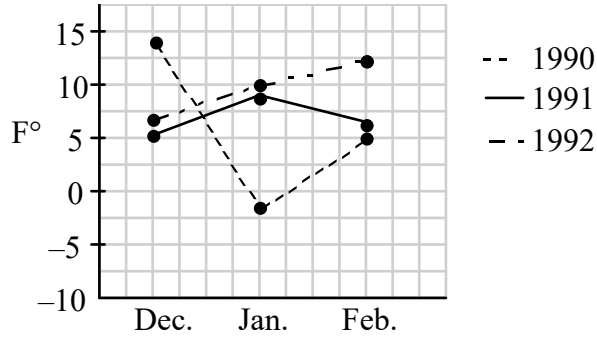
b.



[1]

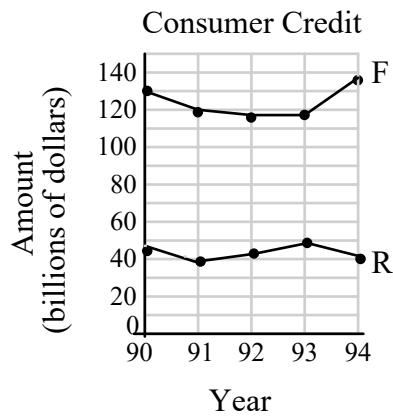


[2] United States; Turkey; see graph.



[3]

a.



b. It decreased, then increased, then decreased.

[4] c. It decreased slightly and then increased the last year.

[5] C

[6] B

[7] \$4270

[8] about 89