

GRE Prep

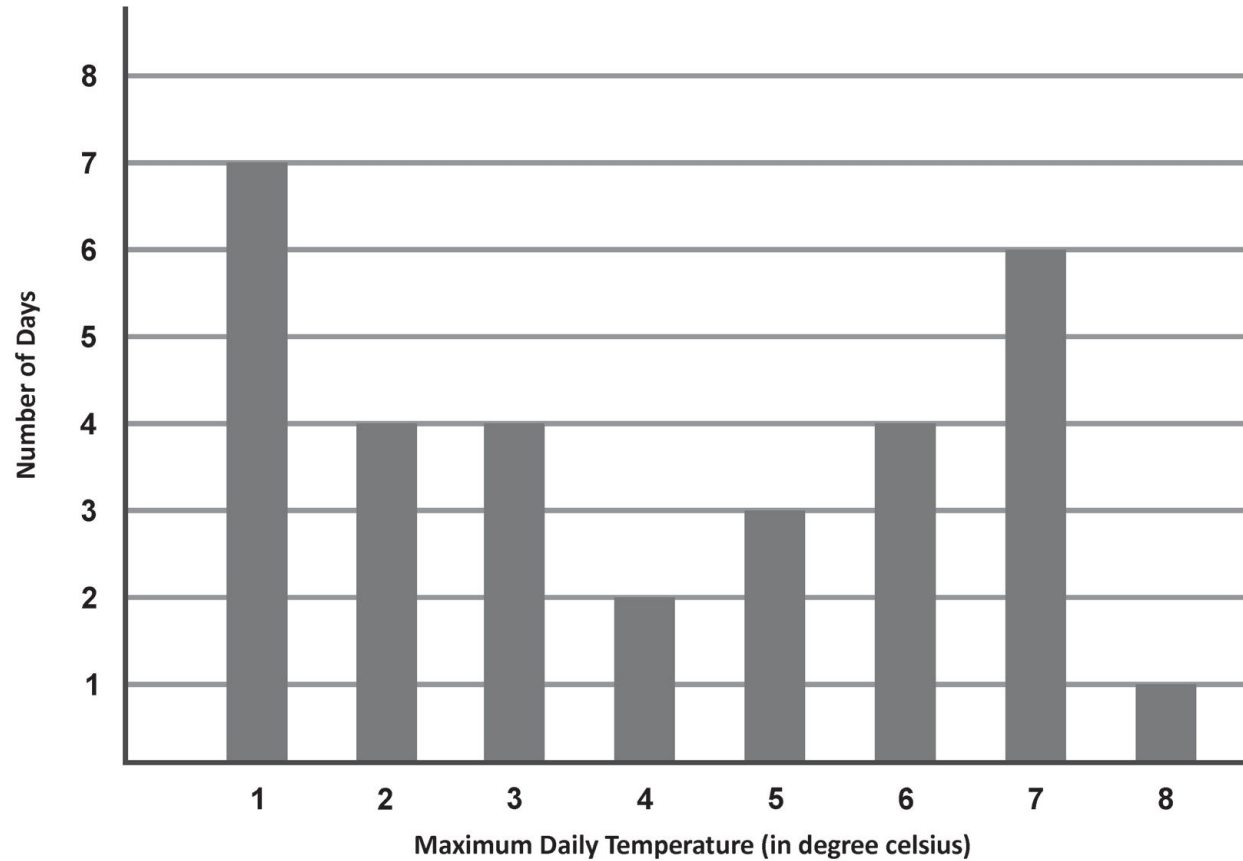
Data Interpretation



Data Interpretation

Refer to the data below for Q1. to Q.3

MAXIMUM DAILY TEMPERATURE FOR JANUARY 2007 FOR STATE X



Data Interpretation

1. What was the average maximum daily temperature of State X for January, 2007? (In degree celsius)
 - A. 3
 - B. 4
 - C. 5
 - D. 6
 - E. 7



Data Interpretation

2. Which of the following statements is/are true? Select all that apply.
- A. Mode of the maximum daily temperatures for January, 2007 was 7°C .
 - B. Average maximum daily temperature was same as median of the maximum daily temperatures for January, 2007.
 - C. It can be inferred from the given data that the range of the maximum temperatures was 6°C .



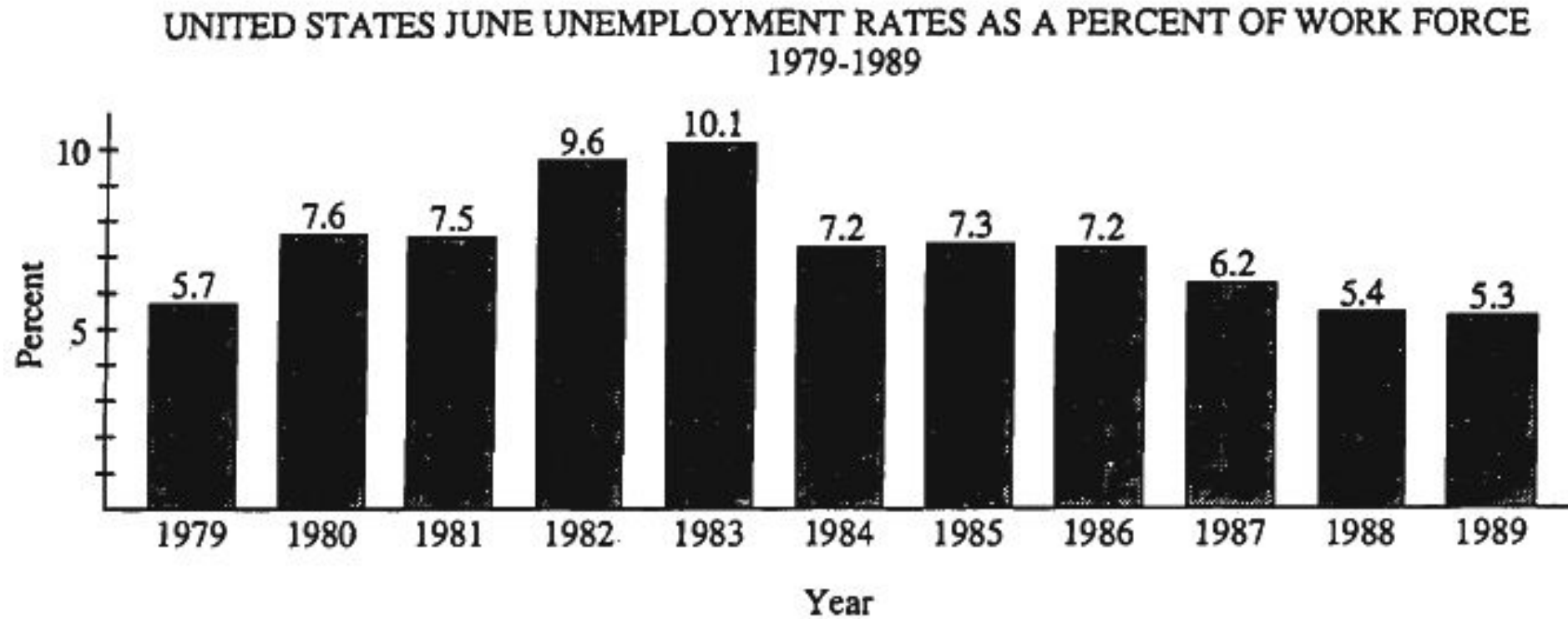
Data Interpretation

3. Approximately what percent of the days had maximum daily temperature greater than the mode but less than the median of the maximum daily temperatures for January 2007?
- A. 12%
 - B. 22%
 - C. 26%
 - D. 30%
 - E. 40%



Data Interpretation

Refer to the data below for Q4. to Q.6



Data Interpretation

Refer to the data below for Q4. to Q.6

UNEMPLOYMENT DATA FOR THE ELEVEN STATES WITH THE LARGEST POPULATIONS IN 1989

State	Unemployment Rate May (as a percent of state work force)	Unemployment Rate June (as a percent of state work force)	Number of Unemployed June (in thousands)
California	5.5	5.6	797
New York	5.3	5.0	439
Texas	5.9	6.1	502
Illinois	5.7	5.5	325
Pennsylvania	4.6	4.0	239
Florida	6.4	6.1	384
Ohio	5.4	5.6	307
Michigan	6.7	7.3	339
New Jersey	3.0	4.2	165
North Carolina	3.7	3.6	124
Massachusetts	3.6	4.0	126

Data Interpretation

4. Of the following states, which had the greatest increase in the unemployment rate from May to June of 1989?
- A. New York
 - B. Texas
 - C. Pennsylvania
 - D. Michigan
 - E. New Jersey



Data Interpretation

5. The change in the unemployment rate in the United States from June 1986 to June 1987 was how many times the change in the unemployment rate from June 1988 to June 1989?
- A. 0.01
 - B. 0.1
 - C. 1.0
 - D. 10.0
 - E. 100.0



Data Interpretation

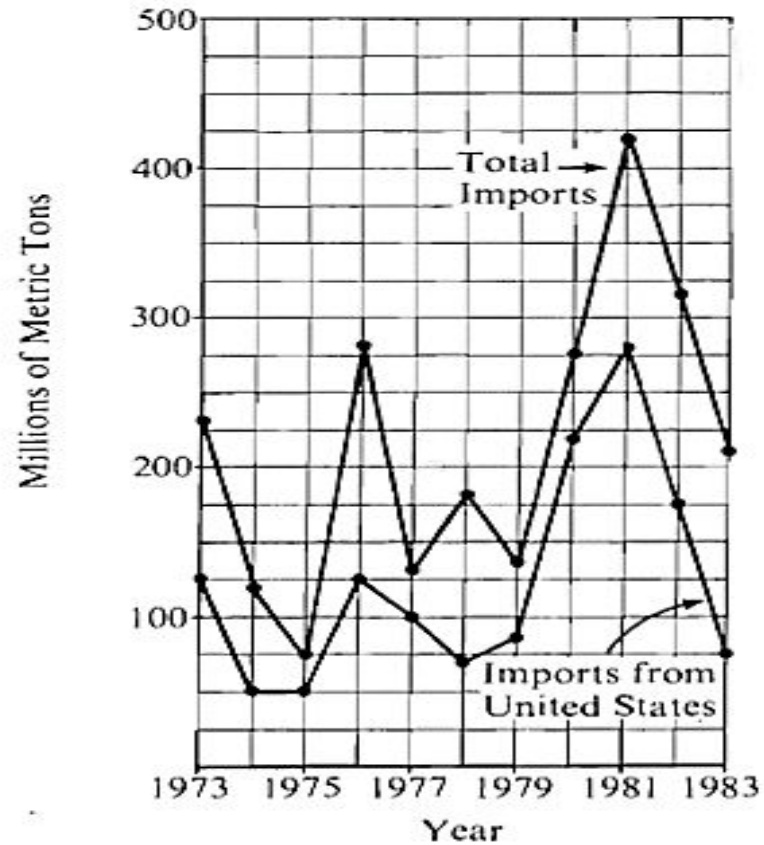
6. In June 1989, if a total of 6.5 million people were unemployed in the United States, then the number of people unemployed in Ohio was approximately what percent of the 6.5 million?
- A. 5.5%
 - B. 4.7%
 - C. 3.7%
 - D. 0.5%
 - E. 0.4%



Data Interpretation

Refer to the data below for Q7. to Q.9

COUNTRY X'S TOTAL WHEAT IMPORTS
COMPARED TO ITS WHEAT IMPORTS
FROM THE UNITED STATES, 1973-1983



Note: Drawn to scale.

Data Interpretation

7. The amount of wheat Country X imported from countries other than the United States was greatest in which of the following years?
- A. 1974
 - B. 1976
 - C. 1978
 - D. 1981
 - E. 1983



Data Interpretation

8. For the year in which total wheat imports and wheat imports from the United States were most nearly equal, how many million metric tons of wheat did Country X import?
- A. 150
 - B. 125
 - C. 90
 - D. 75
 - E. 50



Data Interpretation

9. For the year in which the amount of Country X's total wheat imports was greatest, approximately what percent of that total was imported from the United States?
- A. 35
 - B. 40
 - C. 50
 - D. 65
 - E. 75

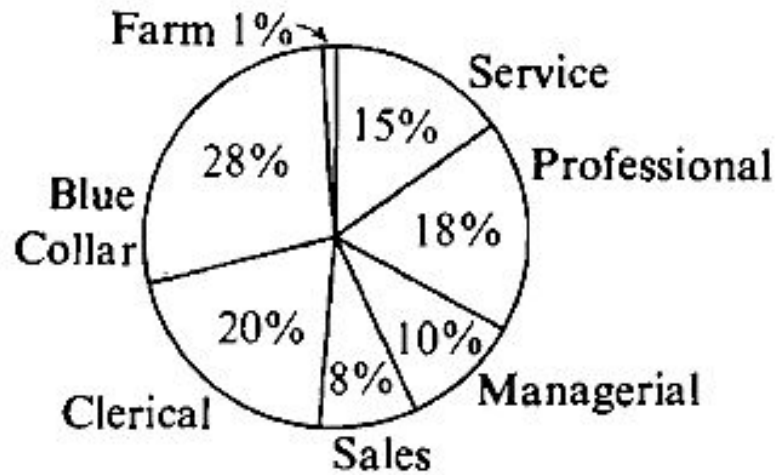


Data Interpretation

Refer to the data below for Q10. to Q.12

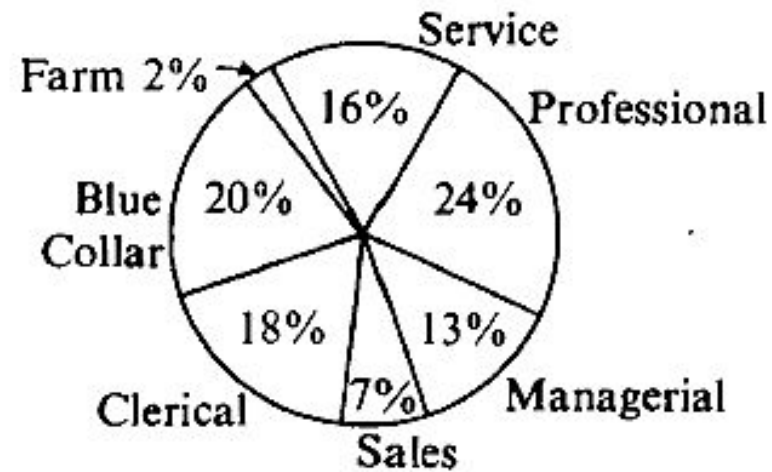
DISTRIBUTION OF WORK FORCE BY OCCUPATIONAL CATEGORY FOR COUNTRY X IN 1981 AND PROJECTED FOR 1995

Total Work Force: 150 Million



1981

Total Work Force: 175 Million



1995 (Projected)

Data Interpretation

10. In 1981, how many categories each comprised more than 25 million workers?
- A. 1
 - B. 2
 - C. 3
 - D. 4
 - E. 5



Data Interpretation

11. From 1981 to 1995, there is a projected increase in the number of workers in which of the following categories? Select all such categories.
- A. Sales
 - B. Service
 - C. Clerical



Data Interpretation

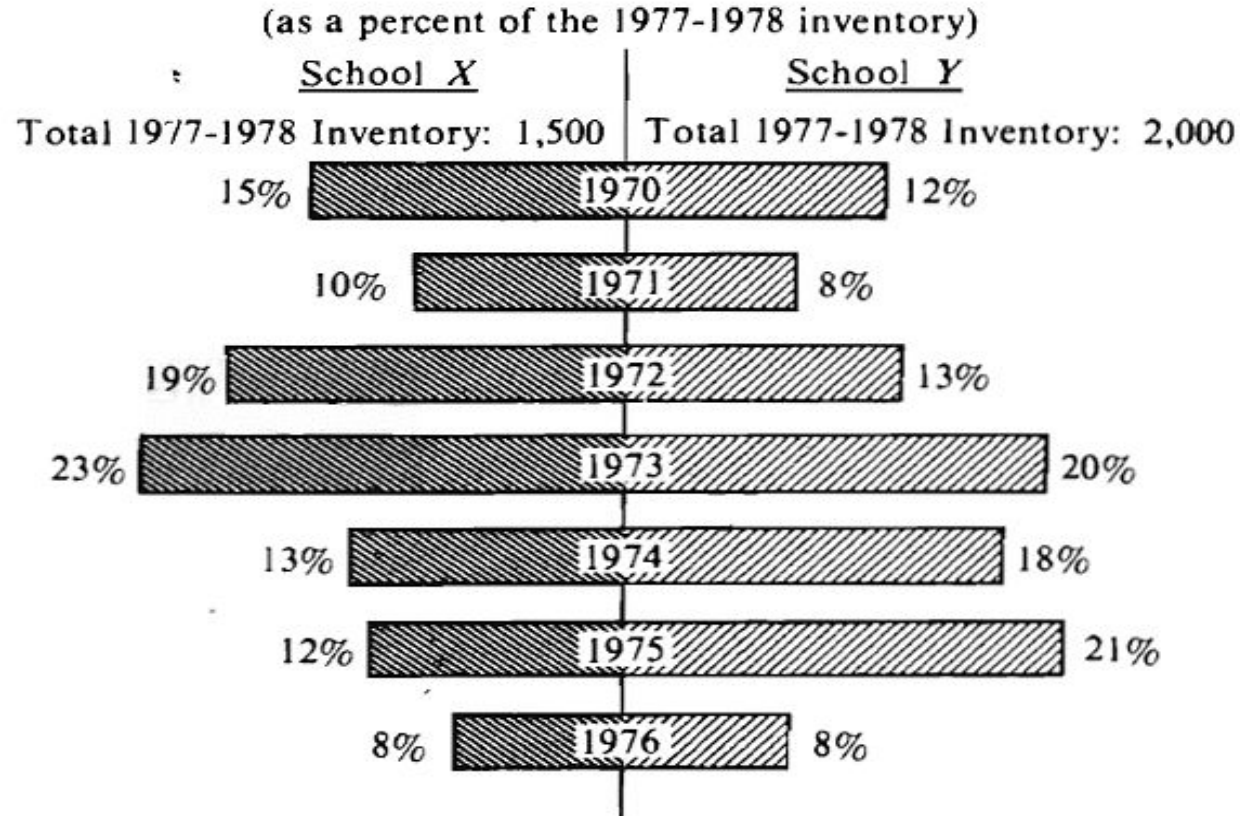
12. Approximately what is the projected percent decrease in the number of Blue-Collar workers in the work force of Country X from 1981 to 1995?
- A. 42%
 - B. 35%
 - C. 20%
 - D. 17%
 - E. 7%



Data Interpretation

Refer to the data below for Q13. to Q.15

1977-1978 TEXTBOOK INVENTORY FOR SCHOOLS X AND Y
BY YEAR OF PURCHASE



Note: All books were purchased new on July 1 of each year.

Data Interpretation

13. In School X how many of the inventoried textbooks were purchased prior to 1976?

Data Interpretation

14. If School X purchased 300 textbooks in 1971 and all of these were counted in the inventory or discarded before the inventory, what percent of these textbooks had been discarded?
- A. 10%
 - B. 20%
 - C. 50%
 - D. 80%
 - E. 100%



Data Interpretation

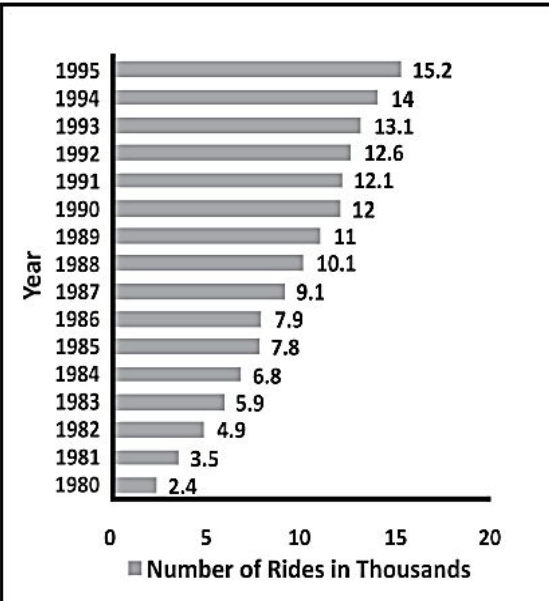
15. Which of the following statements can be inferred from the graph?
- I. School X has a smaller enrollment than School Y.
 - II. If the age of a book is the number of years since purchase, then the average (arithmetic mean) age of a book in the School Y inventory is less than that of a book in the School X inventory.
 - III. According to the inventory, School X and School Y purchased the same number of textbooks in 1976.
- A. None
 - B. I only
 - C. II only
 - D. I and II
 - E. II and III



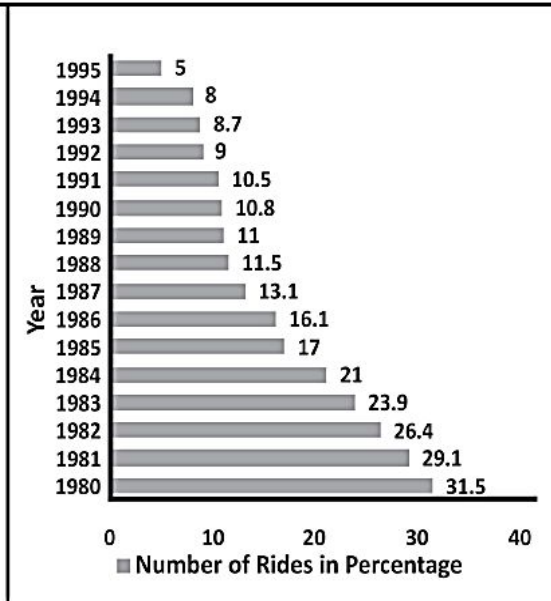
Data Interpretation

Refer to the data below for Q16. to Q.19

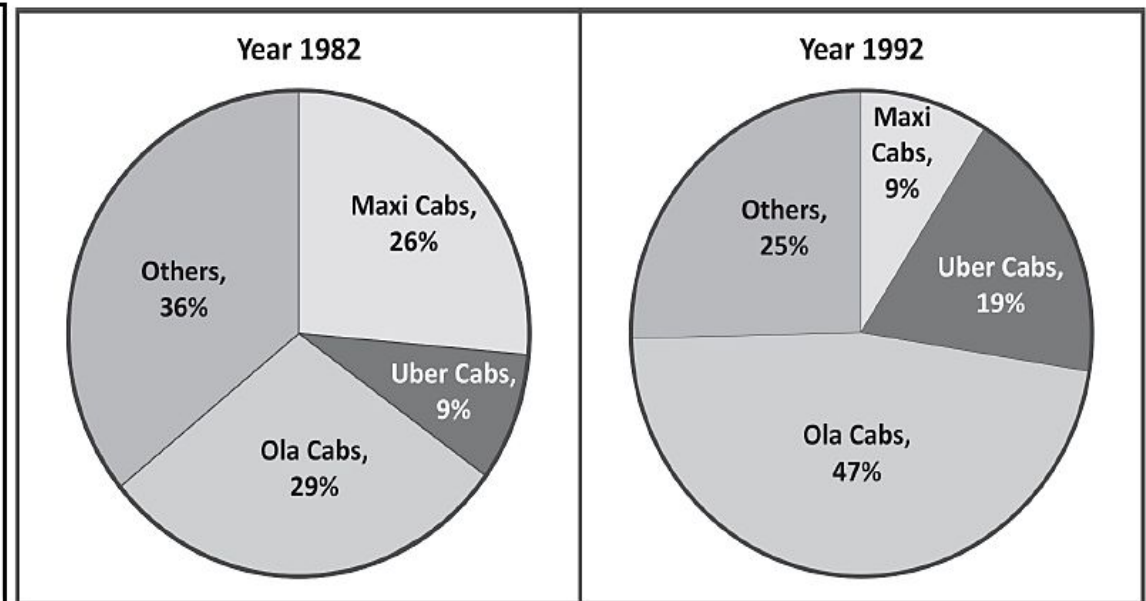
NUMBER OF RIDES THROUGH
MAXI CAB SERVICES IN CITY X, 1980–1995



MAXI CAB RIDES AS A PERCENT OF
TOTAL RIDES THROUGH CABS



PERCENTAGE OF TOTAL NUMBER OF RIDES THROUGH CABS IN CITY



Data Interpretation

16. In 1986, what was the approximate number of rides by cabs in the city?
- A. 8000
 - B. 12500
 - C. 15000
 - D. 25000
 - E. 50000



Data Interpretation

17. What was the approximate percent increase in rides through cabs from 1981 to 1982?
- A. 15%
 - B. 25%
 - C. 40%
 - D. 55%
 - E. 75%



Data Interpretation

18. What was the average change per year in the number of rides through cabs from 1980 – 1995?
- A. 18250
 - B. 19500
 - C. 96000
 - D. 292000
 - E. 300000



Data Interpretation

19. In 1992, the top three cab services in the city, in terms of number of rides serviced, were Maxi, Uber and Ola. What is the minimum number of cab services in the city?

Data Interpretation

Refer to the data below for Q20. to Q.23

PROFILE OF CONGRESS IN YEAR X
(total membership: 535)

House of Representatives	Senate	House of Representatives	Senate
Party		Profession	
292.....	Democratic 62	215	Lawyer63
143.....	Republican..... 38	81	Business Executive or Banker15
435.....	Total 100	45	Educator..... 6
		14	Farmer or Rancher 6
Sex		22	Career Government Official..... 0
418.....	Male 100	24 ..	Journalist or Communications Executive ... 4
17.....	Female 0	2	Physician..... 0
Age		1	Veterinarian 1
27.....	Youngest..... 34	0	Geologist 2
77.....	Oldest..... 80	6	Worker or Skilled Tradesperson 0
48.....	Average (arithmetic mean) 54	25	Other 3
Religion		Ethnic Group	
255.....	Protestant 69	17	Black American..... 1
107.....	Catholic..... 12	2	Asian American..... 3
18.....	Jewish..... 5	4	Hispanic American 0
4.....	Mormon..... 3		
51.....	Other..... 11		



Data Interpretation

20. In the Senate, if 25 male members were replaced by 25 female members, the ratio of male members to female members would be
- A. 4 to 1
 - B. 3 to 1
 - C. 3 to 2
 - D. 2 to 1
 - E. 1 to 1



Data Interpretation

21. Approximately what percent of the members of Congress are lawyers?
- A. 63%
 - B. 58%
 - C. 56%
 - D. 52%
 - E. 49%



Data Interpretation

22. If 5 senators are Catholic Democrats, how many senators are neither Catholic nor Democratic?
- A. 79
 - B. 74
 - C. 69
 - D. 31
 - E. 21



Data Interpretation

23. Which of the following can be inferred from the information given in the chart?
- I. More than 80 percent of the men in Congress are members of the House of Representatives.
 - II. The percent of members who are categorized as farmers or ranchers is greater for the House of Representatives than for the Senate.
 - III. The median age in the Senate is 57.
- A. I only
 - B. II only
 - C. III only
 - D. I and II
 - E. I and III





Thank you