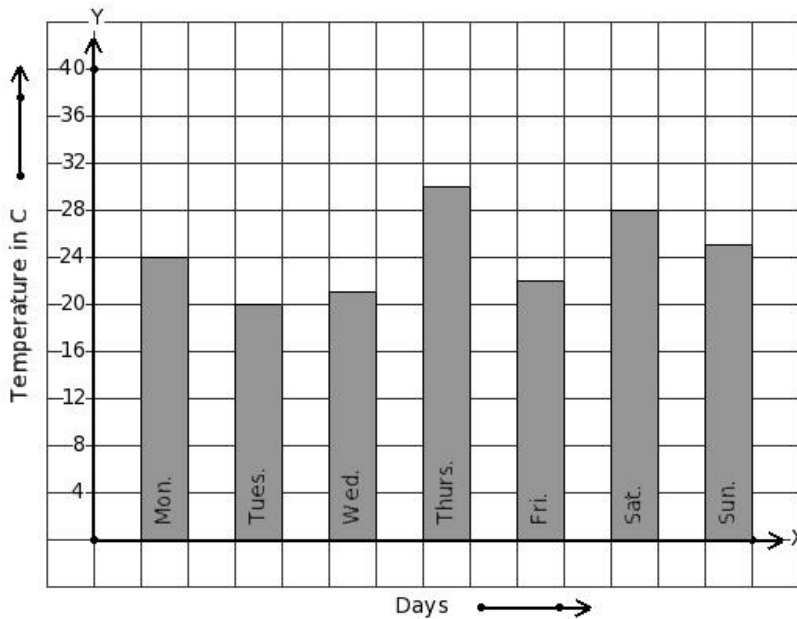




1. Find the mean of all prime numbers between 10 and 70.

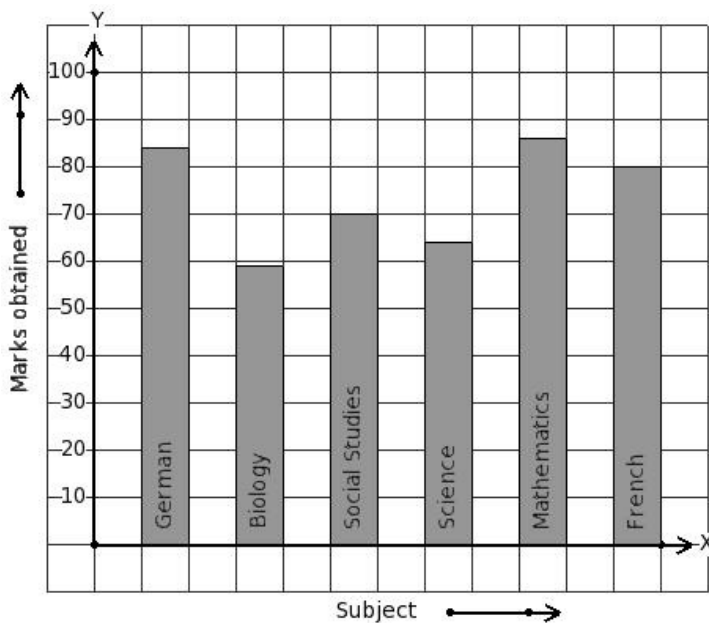
- (i)  $\frac{553}{15}$  (ii)  $\frac{183}{5}$  (iii)  $\frac{551}{15}$  (iv)  $\frac{623}{17}$  (v)  $\frac{479}{13}$

2. Following bar graph gives the average temperature of a place during a week. Find the day that has minimum temperature.



- (i) Sat. (ii) Thurs. (iii) Tues. (iv) Wed. (v) Sun.

3. The marks obtained by John in his annual exam are shown below. Find the subject that has minimum score.



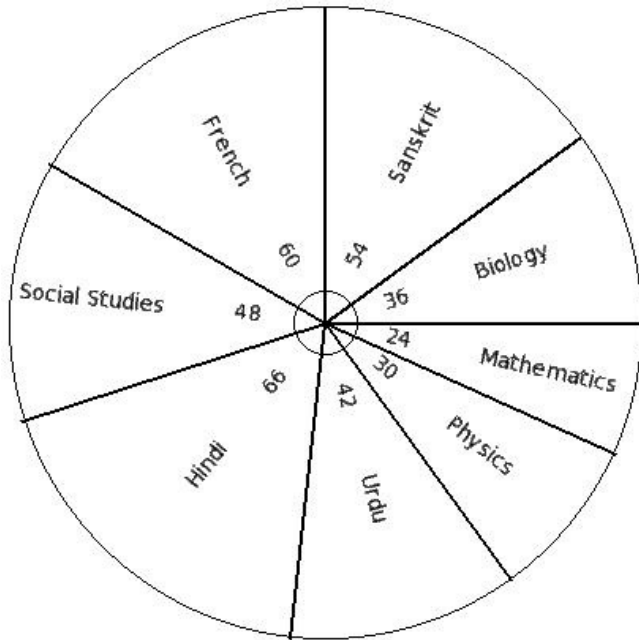
- (i) Mathematics (ii) French (iii) Social Studies (iv) German (v) Biology

4. Heights of 14 plants (in cm) are given below. Find the mode height.

56 57 63 82 100 99 65 81 78 94 91 57 100 57

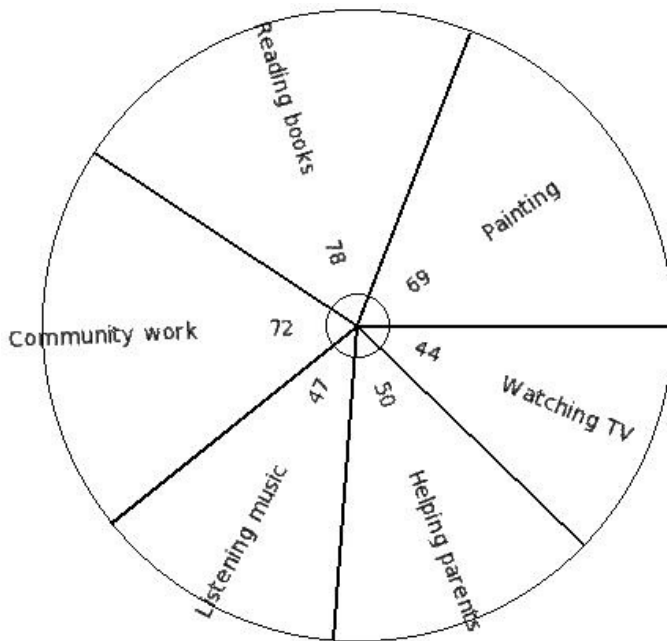
- (i) 59cm (ii) 58cm (iii) 55cm (iv) 56cm (v) 57cm

5. The total marks obtained by a student in his annual examination is 540. Find the maximum marks.



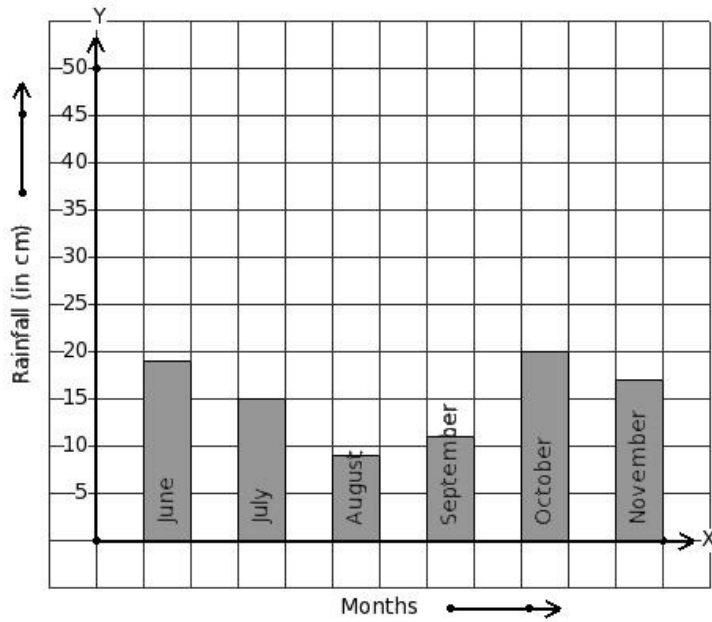
- (i) 102 (ii) 96 (iii) 98 (iv) 100 (v) 99

6. A survey of 1150 school students was done to know the preferred free time activity. Find the activity that has 220 student preference.



- (i) Watching TV (ii) Community work (iii) Painting (iv) Listening music (v) Helping parents

7. Read the given column-graph. Find the month that has maximum rainfall.



- (i) September (ii) October (iii) August (iv) November (v) July

8. Find the median of the first 10 odd numbers.

- (i) 9 (ii) 11 (iii) 7 (iv) 13 (v) 10

The total marks obtained by Krishna in his annual exam are 525 as shown below. Find the pie chart sector angle for "Spanish"

9.

Subject	German	Social Studies	Urdu	Physics	Biology	Sanskrit	English	Spanish
Marks obtained	80	55	75	70	85	50	65	45

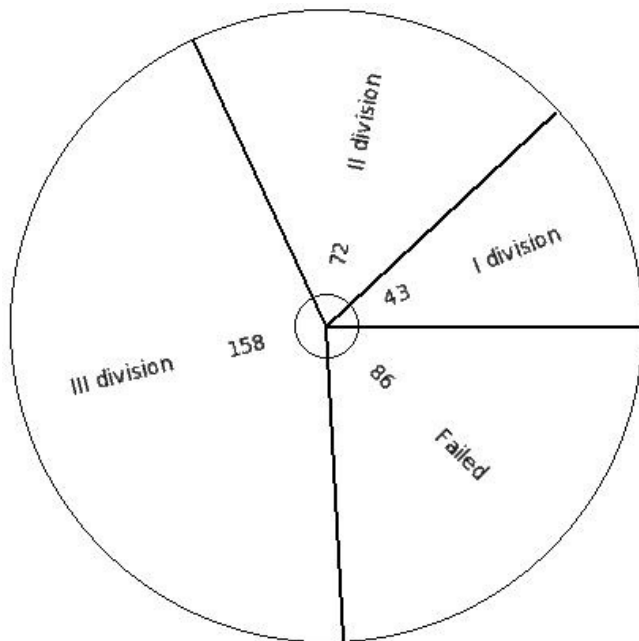
- (i)  $30.86^\circ$  (ii)  $31.86^\circ$  (iii)  $32.86^\circ$  (iv)  $28.86^\circ$  (v)  $29.86^\circ$

10. The scores obtained by 11 students in a test are given below. Find the median.

17 8 16 15 18 9 6 12 9 3 3

- (i) 9 (ii)  $10\frac{6}{11}$  (iii) 18 (iv) 3 (v) 15

11. The results declared by a school was as under. Identify the table for the given pie diagram.



(i)

Result	I division	II division	III division	Failed
No. of Students	27	45	54	99

(ii)

Result	I division	II division	III division	Failed
No. of Students	27	45	99	54

(iii)

Result	I division	II division	III division	Failed
No. of Students	54	99	27	45

(iv)

Result	I division	II division	III division	Failed
No. of Students	27	99	54	45

(v)

Result	I division	II division	III division	Failed
No. of Students	99	27	54	45

12. The marks obtained by 15 students in a test are given below. Find the mean of their marks when the marks of each student is decreased by 7.

8 41 25 44 13 47 16 26 7 41 50 15 41 25 35

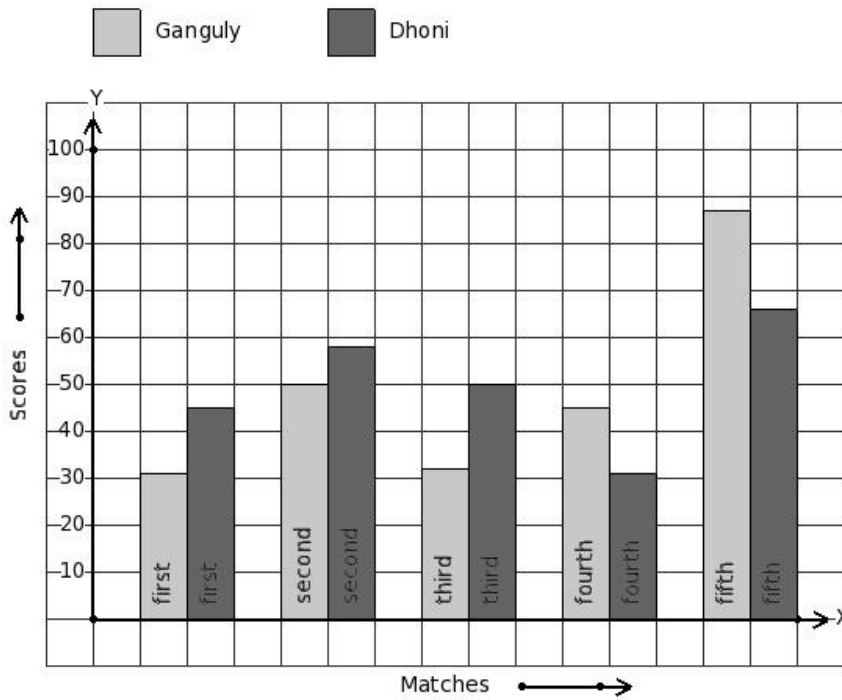
- (i)  $\frac{329}{15}$  (ii)  $\frac{109}{5}$  (iii)  $\frac{371}{17}$  (iv)  $\frac{287}{13}$  (v)  $\frac{331}{15}$

13. Daily wages of 12 labourers (in ₹) are given below. Find the mode wage.

341 304 320 307 474 495 406 466 344 443 403 304

- (i) ₹304.00 (ii) ₹305.00 (iii) ₹302.00 (iv) ₹303.00 (v) ₹306.00

14. Fans of two cricketers Ganguly and Dhoni claim that their star scored better than the other's. They made comparison on the basis of last 5 matches as shown in the bar diagram. Identify the table for the given bar diagram.



(i)

Matches	first	second	third	fourth	fifth
Ganguly	31	50	32	45	87
Dhoni	45	58	50	31	66

(ii)

Matches	first	second	third	fourth	fifth
Ganguly	31	50	32	45	87
Dhoni	45	58	50	31	72

(iii)

Matches	first	second	third	fourth	fifth
Ganguly	31	50	32	51	87
Dhoni	45	58	50	31	66

(iv)

Matches	first	second	third	fourth	fifth
Ganguly	31	57	32	45	87
Dhoni	45	65	50	31	66

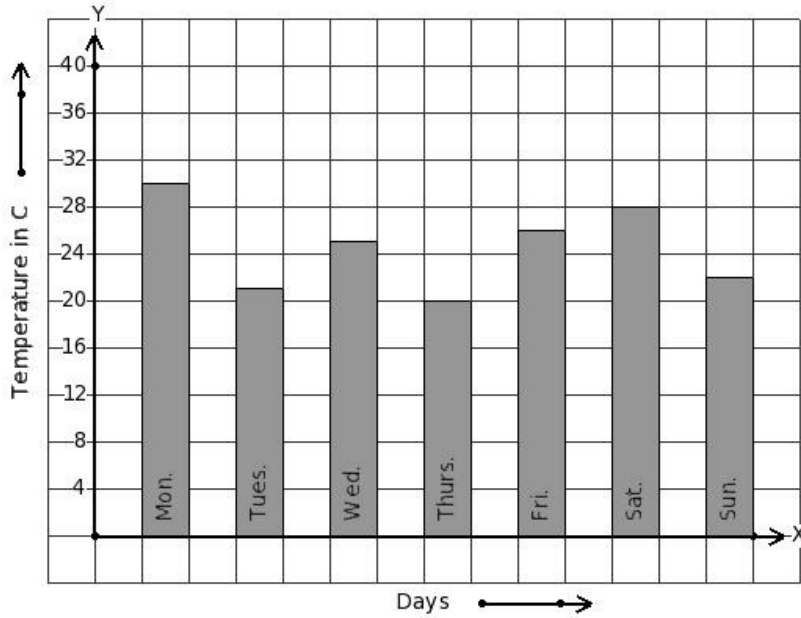
(v)

Matches	first	second	third	fourth	fifth
Ganguly	45	58	58	31	66
Dhoni	31	50	38	45	87

15. Given the mean of 12 samples as  $5\frac{3}{4}$ ,  
what is the new mean if two samples 1 and 9 are removed ?

- (i)  $\frac{23}{4}$     (ii)  $\frac{49}{8}$     (iii)  $\frac{59}{10}$     (iv)  $\frac{57}{10}$     (v)  $\frac{61}{10}$

16. Following bar graph gives the average temperature of a place during a week. Find the day that has 21 °C temperature.



- (i) Sat. (ii) Wed. (iii) Tues. (iv) Sun. (v) Mon.

17. The following pie chart shows 1040 students of a school participating in various games. Find the game that has 210 student participation.



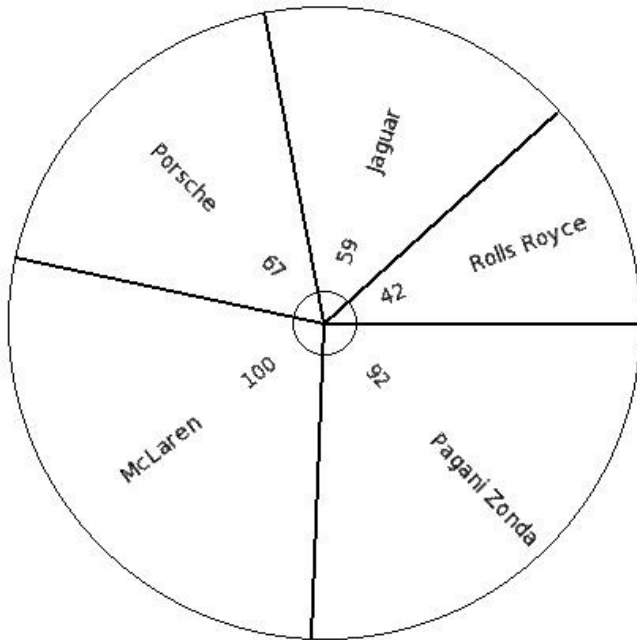
- (i) shotput (ii) wrestling (iii) badminton (iv) table tennis (v) carroms

18. Scores of 11 students are given below. Find the median score.

86 90 82 81 81 85 85 90 90 85 84

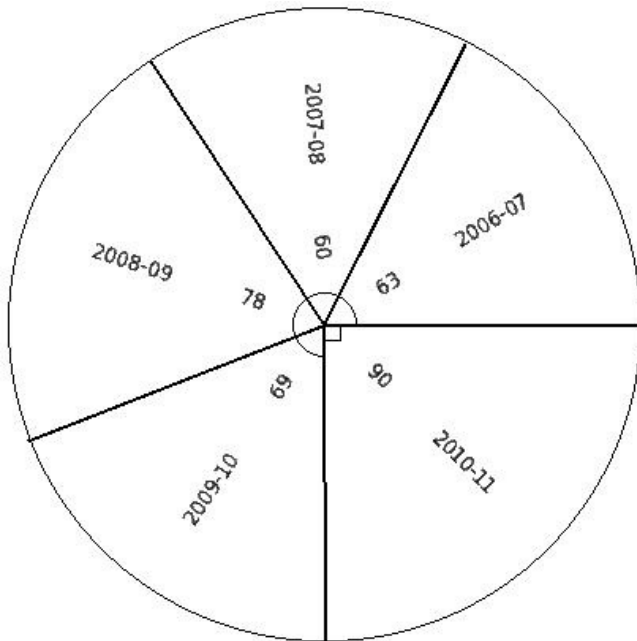
- (i) 86 (ii) 84 (iii) 83 (iv) 85 (v) 87

19. The pie chart given below consists of top selling race cars of different brands. Identify the least sold car.



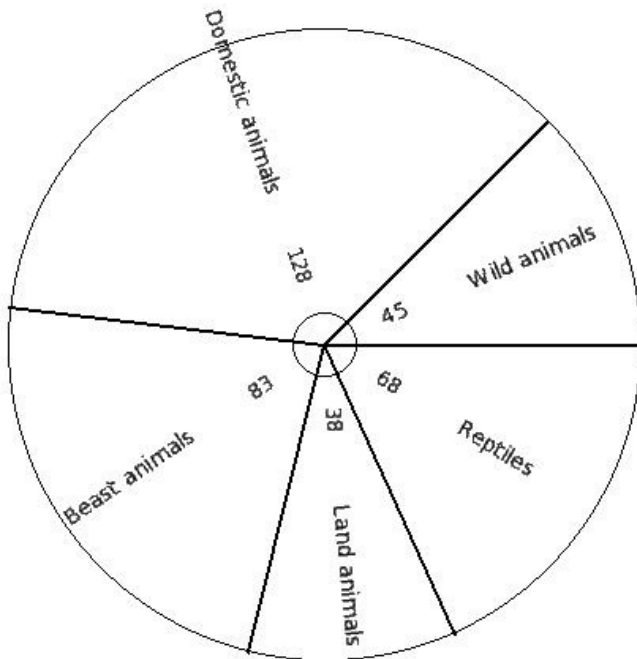
(i) McLaren (ii) Jaguar (iii) Rolls Royce (iv) Porsche (v) Pagani Zonda

20. The total export earnings of ₹600 thousand crore of a country during five years is shown below. Find the year that has maximum export earnings.



(i) 2009-10 (ii) 2008-09 (iii) 2006-07 (iv) 2007-08 (v) 2010-11

21. There are 480 creatures in a zoo. Find the type of creature that has maximum presence in the zoo.



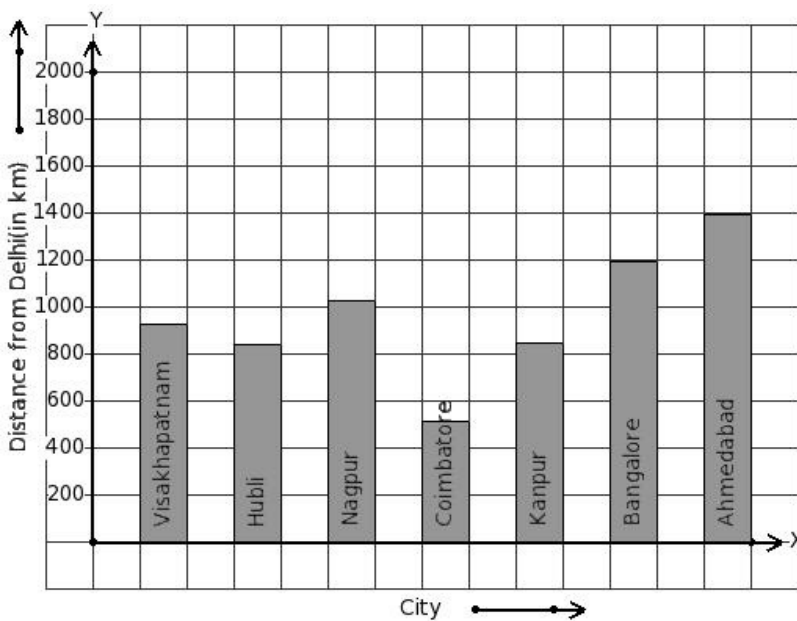
- (i) Wild animals (ii) Domestic animals (iii) Reptiles (iv) Beast animals (v) Land animals

The observations of an ungrouped data are  $x_1, x_2, 2x_1$  and  $x_1 < x_2 < 2x_1$ .

22. If the mean and median of the data are equal to 30, find the observations of the data

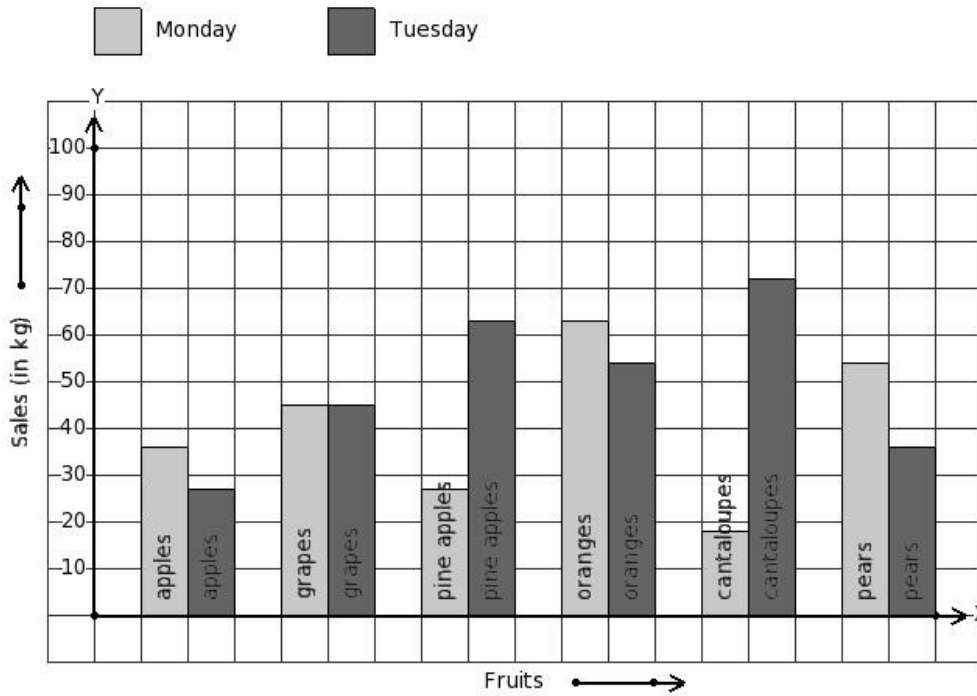
- (i) 24, 30, 44 (ii) 21, 30, 42 (iii) 40, 30, 80 (iv) 20, 30, 40

23. The air distance of some cities from Delhi (in km) are given below. Find the city that has maximum distance.



- (i) Ahmedabad (ii) Visakhapatnam (iii) Bangalore (iv) Nagpur (v) Coimbatore

24. This graph gives a comparative account of sales (in Rs) of various fruits over a two-day period. Identify the table for the given bar diagram.



(i)

Fruits	apples	grapes	pine apples	oranges	cantaloupes	pears
<b>Monday</b>	36	38	27	63	18	54
<b>Tuesday</b>	27	53	63	54	72	36

(ii)

Fruits	apples	grapes	pine apples	oranges	cantaloupes	pears
<b>Monday</b>	36	45	27	63	18	54
<b>Tuesday</b>	27	45	63	54	72	36

(iii)

Fruits	apples	grapes	pine apples	oranges	cantaloupes	pears
<b>Monday</b>	36	45	27	55	18	54
<b>Tuesday</b>	27	45	63	54	72	36

(iv)

Fruits	apples	grapes	pine apples	oranges	cantaloupes	pears
<b>Monday</b>	27	45	57	54	72	36
<b>Tuesday</b>	36	45	33	63	18	54

(v)

Fruits	apples	grapes	pine apples	oranges	cantaloupes	pears
<b>Monday</b>	36	45	27	63	18	54
<b>Tuesday</b>	27	45	63	54	64	36

The table below shows the preferred free time activity of 1962 school students. Find the pie chart sector angle for "Reading books"

25.

Activity	Listening music	Reading books	Playing	Dancing	Watching TV	Community work	Singing	Helping parents
<b>No. of students</b>	162	180	198	216	234	306	342	324

- (i)  $31.03^\circ$  (ii)  $33.03^\circ$  (iii)  $32.03^\circ$  (iv)  $35.03^\circ$  (v)  $34.03^\circ$

## Assignment Key

1) (iii)	2) (iii)	3) (v)	4) (v)	5) (v)	6) (iii)
7) (ii)	8) (v)	9) (i)	10) (i)	11) (ii)	12) (i)
13) (i)	14) (i)	15) (iii)	16) (iii)	17) (i)	18) (iv)
19) (iii)	20) (v)	21) (ii)	22) (iv)	23) (i)	24) (ii)
25) (ii)					