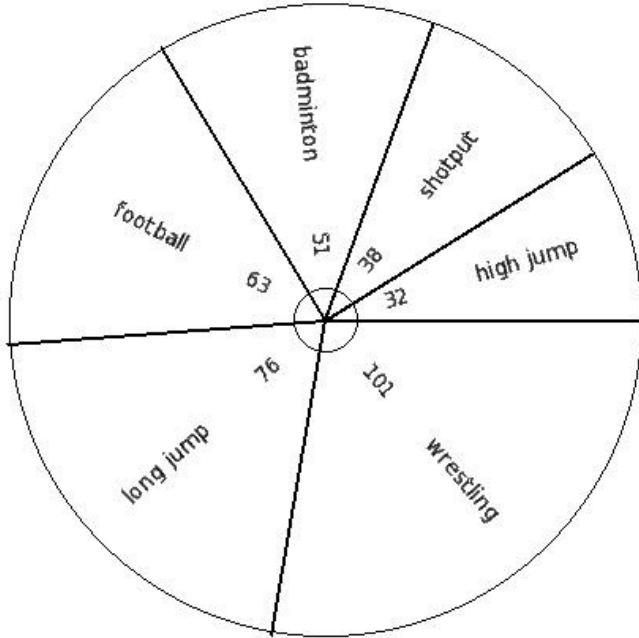


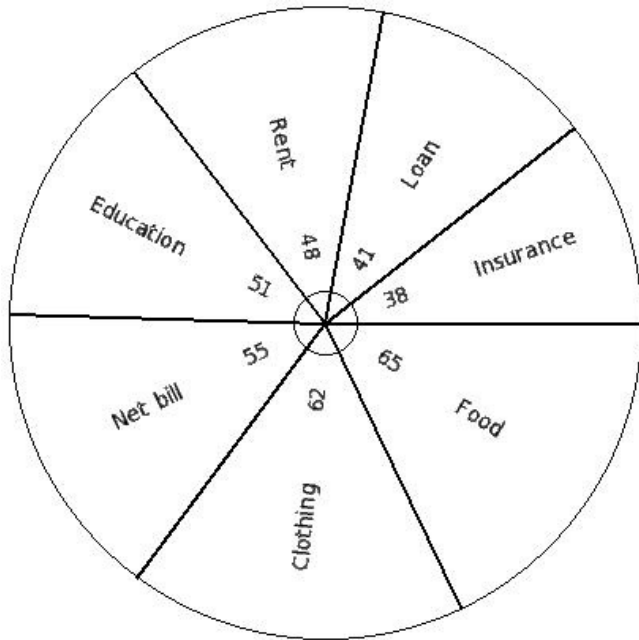


1. The following pie chart gives the data regarding the favourite sport of 513 students of a school. Identify the table for the given pie diagram.



- (i)
- | Sport | high jump | shotput | badminton | football | long jump | wrestling |
|------------------------|-----------|---------|-----------|----------|-----------|-----------|
| No. of students | 45 | 72 | 144 | 54 | 108 | 90 |
- (ii)
- | Sport | high jump | shotput | badminton | football | long jump | wrestling |
|------------------------|-----------|---------|-----------|----------|-----------|-----------|
| No. of students | 45 | 54 | 72 | 90 | 108 | 144 |
- (iii)
- | Sport | high jump | shotput | badminton | football | long jump | wrestling |
|------------------------|-----------|---------|-----------|----------|-----------|-----------|
| No. of students | 45 | 108 | 90 | 72 | 144 | 54 |
- (iv)
- | Sport | high jump | shotput | badminton | football | long jump | wrestling |
|------------------------|-----------|---------|-----------|----------|-----------|-----------|
| No. of students | 45 | 72 | 54 | 90 | 108 | 144 |
- (v)
- | Sport | high jump | shotput | badminton | football | long jump | wrestling |
|------------------------|-----------|---------|-----------|----------|-----------|-----------|
| No. of students | 144 | 45 | 90 | 54 | 108 | 72 |

2. The following pie chart shows the monthly budget of a family. Identify the table for the given pie diagram.



(i)

Item	Insurance	Loan	Rent	Education	Net bill	Clothing	Food
Expenses (in Rs)	2880	2520	3420	1980	2700	3240	2160

(ii)

Item	Insurance	Loan	Rent	Education	Net bill	Clothing	Food
Expenses (in Rs)	2160	2880	1980	3420	2520	2700	3240

(iii)

Item	Insurance	Loan	Rent	Education	Net bill	Clothing	Food
Expenses (in Rs)	2700	2160	3420	3240	1980	2880	2520

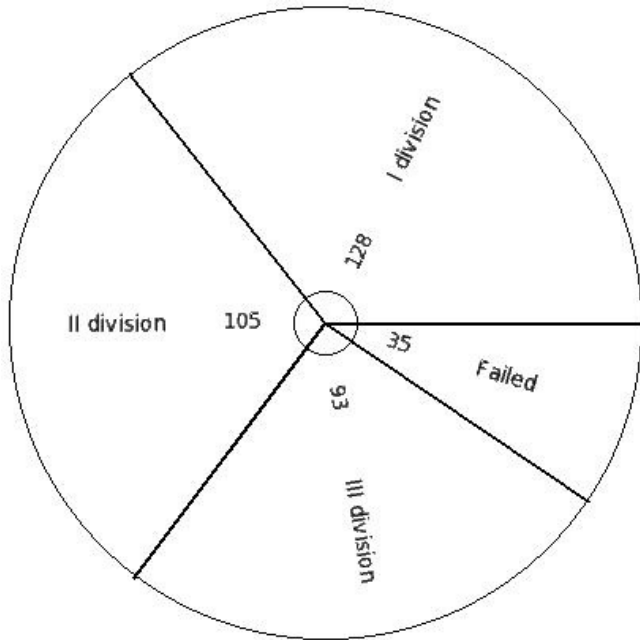
(iv)

Item	Insurance	Loan	Rent	Education	Net bill	Clothing	Food
Expenses (in Rs)	1980	2160	2520	2700	2880	3240	3420

(v)

Item	Insurance	Loan	Rent	Education	Net bill	Clothing	Food
Expenses (in Rs)	3420	1980	2520	2160	3240	2880	2700

3. 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	99	81	72	27

(ii)

Result	I division	II division	III division	Failed
No. of Students	99	72	27	81

(iii)

Result	I division	II division	III division	Failed
No. of Students	81	27	99	72

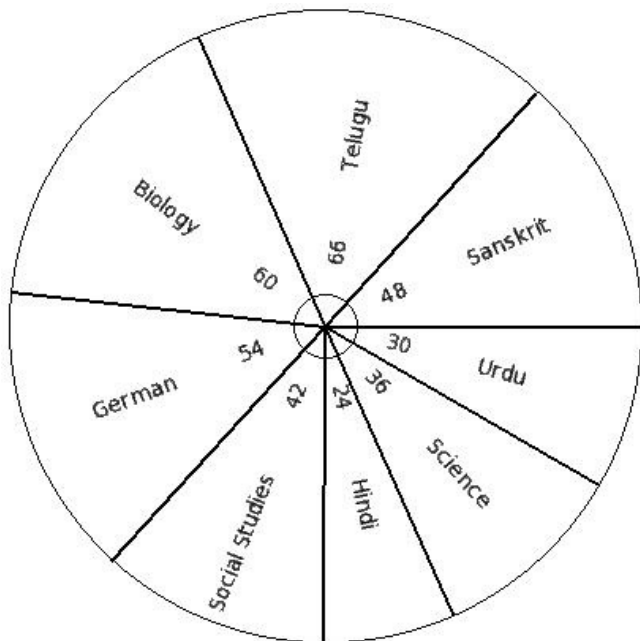
(iv)

Result	I division	II division	III division	Failed
No. of Students	81	27	72	99

(v)

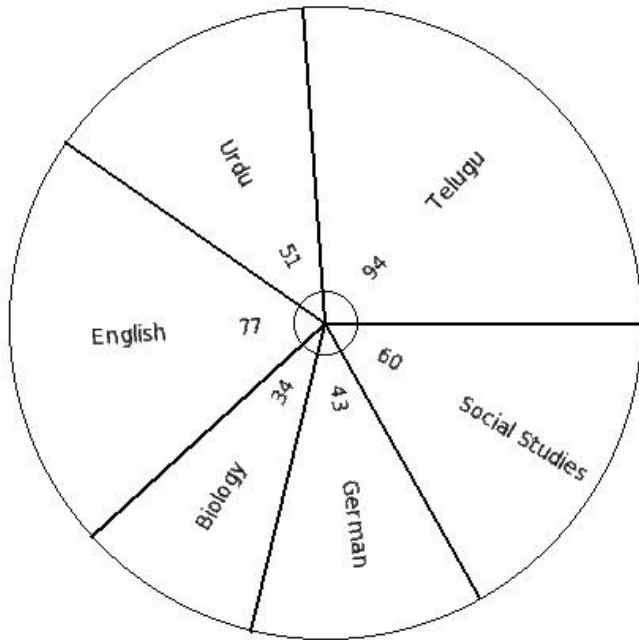
Result	I division	II division	III division	Failed
No. of Students	81	99	72	27

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



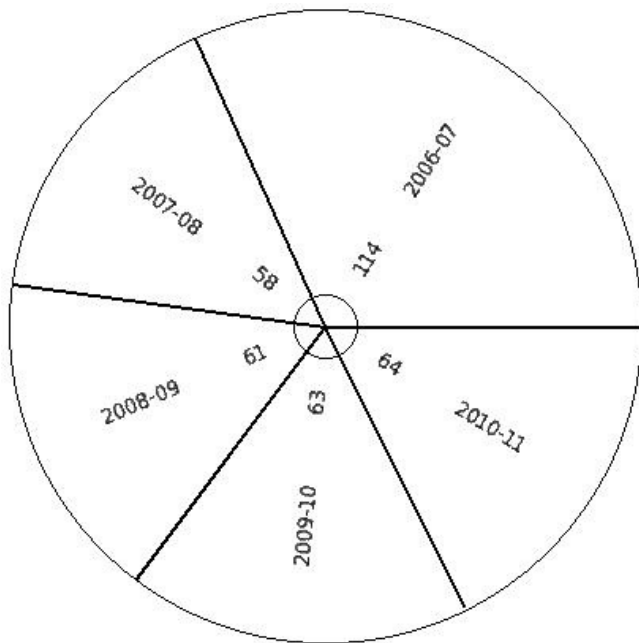
- (i) 98 (ii) 102 (iii) 99 (iv) 97 (v) 100

5. The total marks obtained by a student in his annual examination is 378. Find the minimum marks.



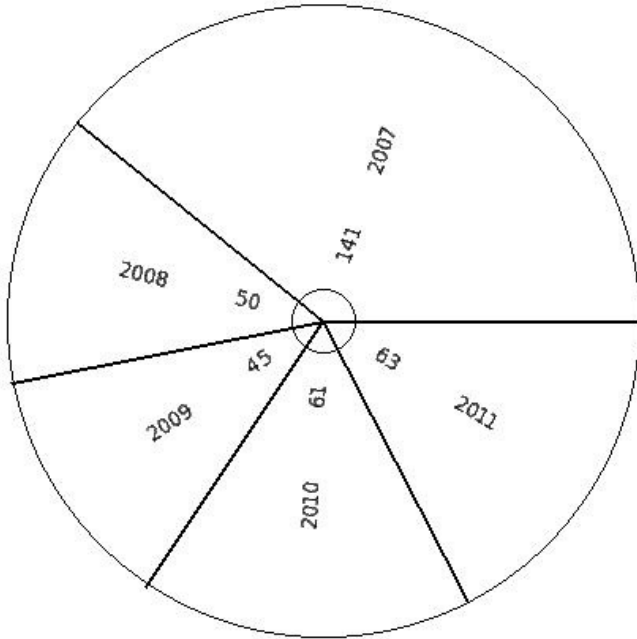
- (i) 35 (ii) 37 (iii) 34 (iv) 38 (v) 36

6. The total export earnings of ₹1080 crores of a country during five years is shown below. Find the earnings (in crores) in 2008-09.



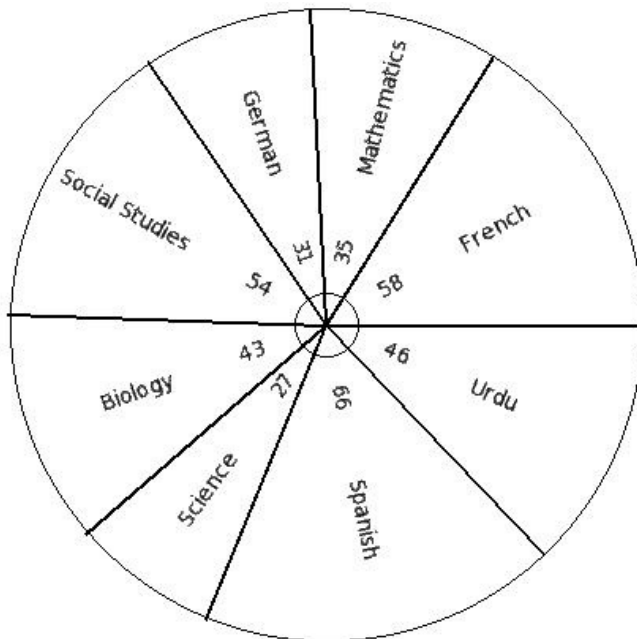
- (i) 186 (ii) 185 (iii) 180 (iv) 181 (v) 183

7. Shown below is the total food grain production of 2520 million tonnes over 5 years. Find the production (in million tonnes) in 2010.



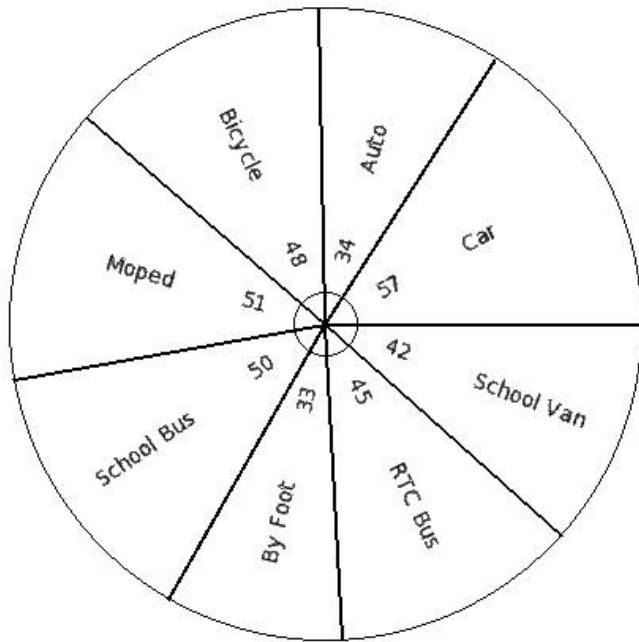
- (i) 427 (ii) 430 (iii) 429 (iv) 424 (v) 425

8. The total marks obtained by Mahender in his annual exam are 465 as shown below. Find the marks in "Mathematics".



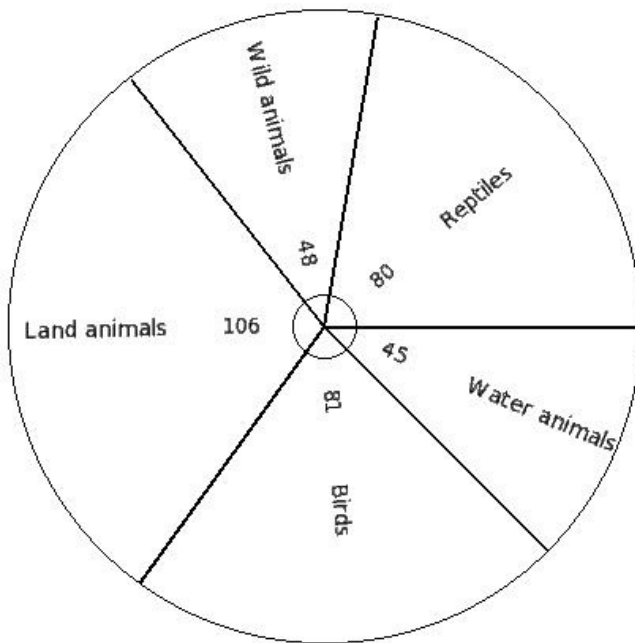
- (i) 42 (ii) 48 (iii) 47 (iv) 45 (v) 43

9. 540 students of a certain locality use different modes of travel to school as shown below. Find the number of students whose mode of travel is "By Foot".



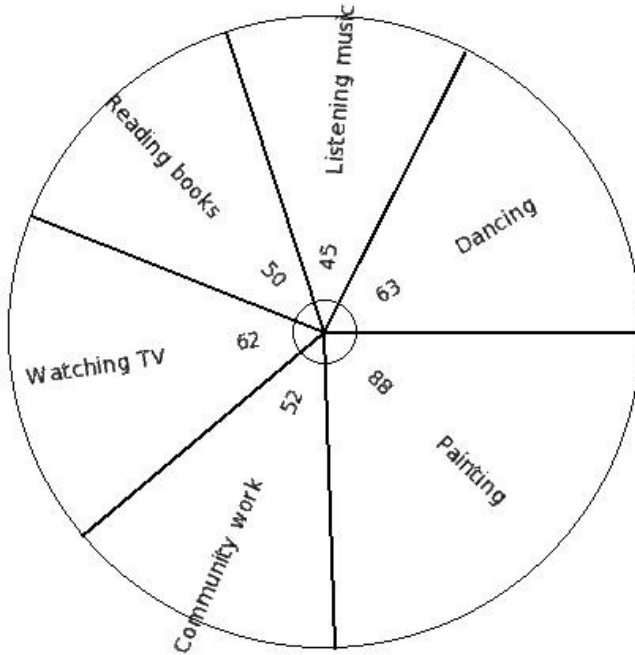
- (i) 53 (ii) 52 (iii) 48 (iv) 50 (v) 47

10. There are 1800 creatures in a zoo. Find the count of "Land animals".



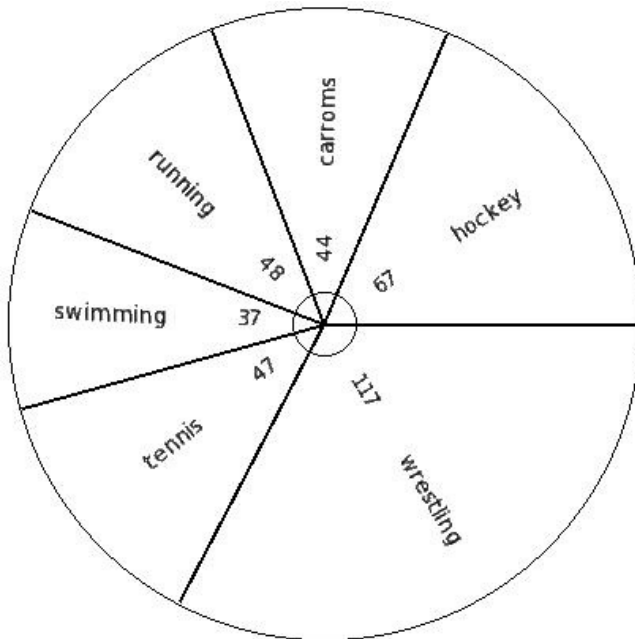
- (i) 527 (ii) 533 (iii) 528 (iv) 530 (v) 532

11. A survey of 900 school students was done to know the preferred free time activity. Find the number of students who prefer "Reading books".



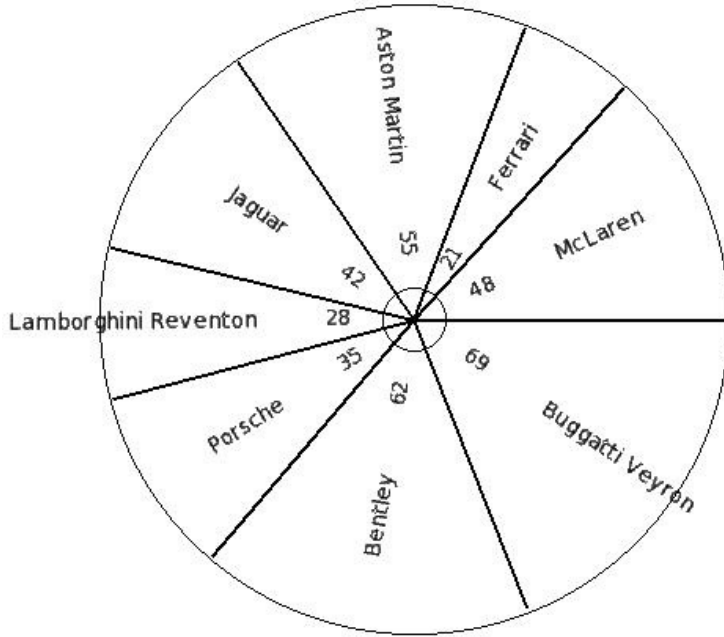
- (i) 128 (ii) 125 (iii) 123 (iv) 122 (v) 127

12. The following pie chart shows 1800 students of a school participating in various games. Find the number of students who participate in "swimming".



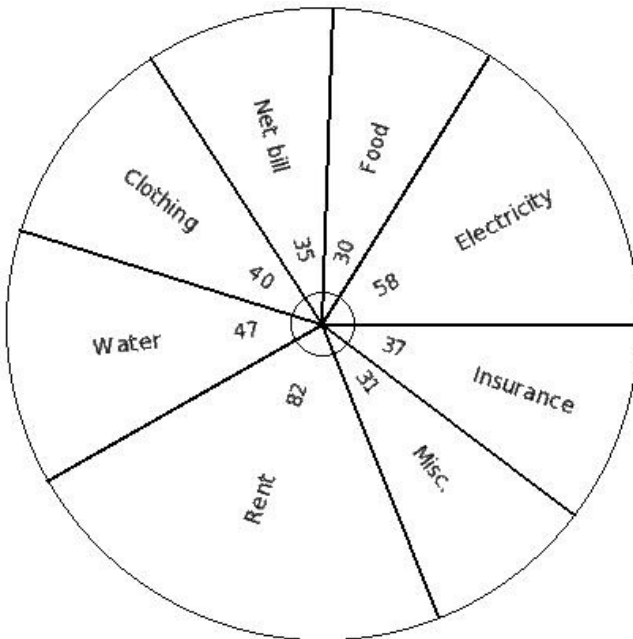
- (i) 182 (ii) 188 (iii) 183 (iv) 187 (v) 185

13. The pie chart given below shows purchase of number of cars of different automobile companies in America. Identify the sector angle of "Aston Martin".



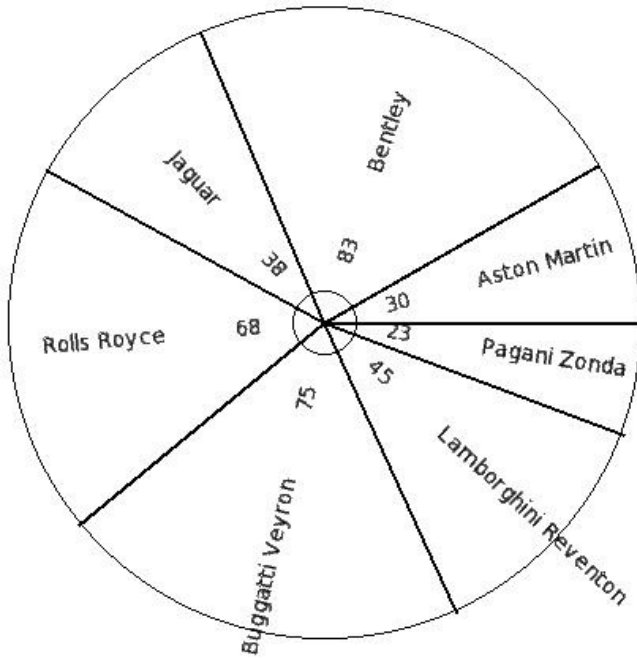
- (i) 56 (ii) 54 (iii) 57 (iv) 55 (v) 52

14. The pie diagram given below shows the monthly family expenditure of a person earning ₹7200 per month. How much does he spend on "Water"?



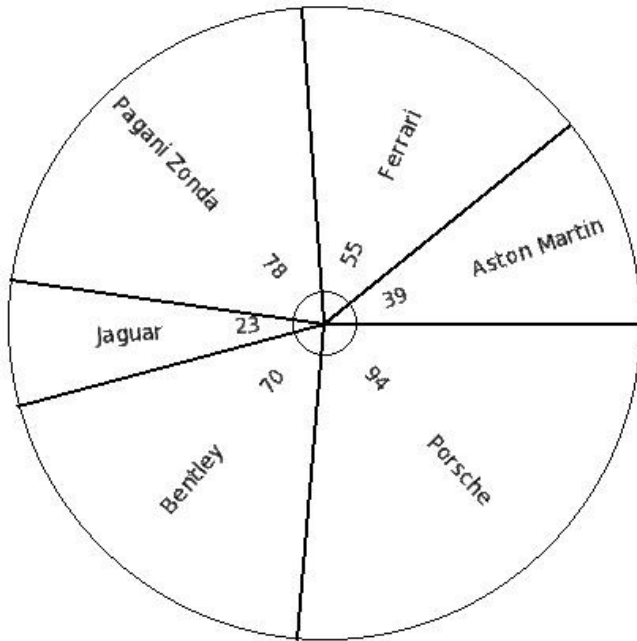
- (i) ₹942.00 (ii) ₹939.00 (iii) ₹938.00 (iv) ₹941.00 (v) ₹940.00

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



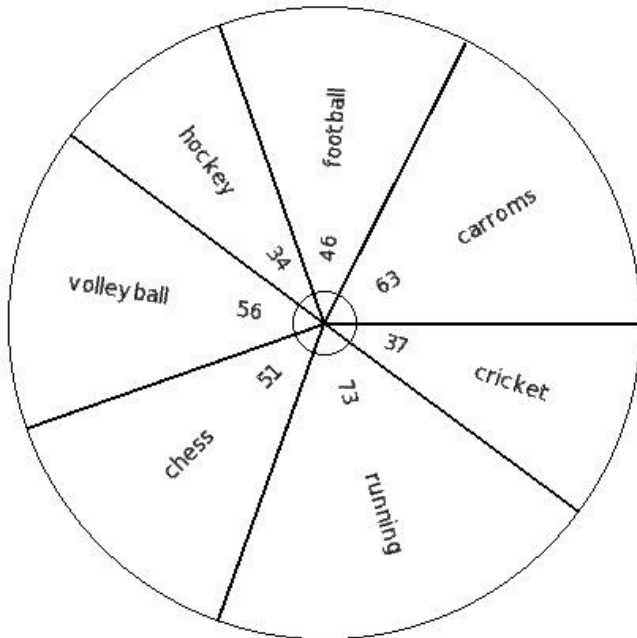
(i) Bentley (ii) Bugatti Veyron (iii) Lamborghini Reventon (iv) Jaguar (v) Pagani Zonda

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



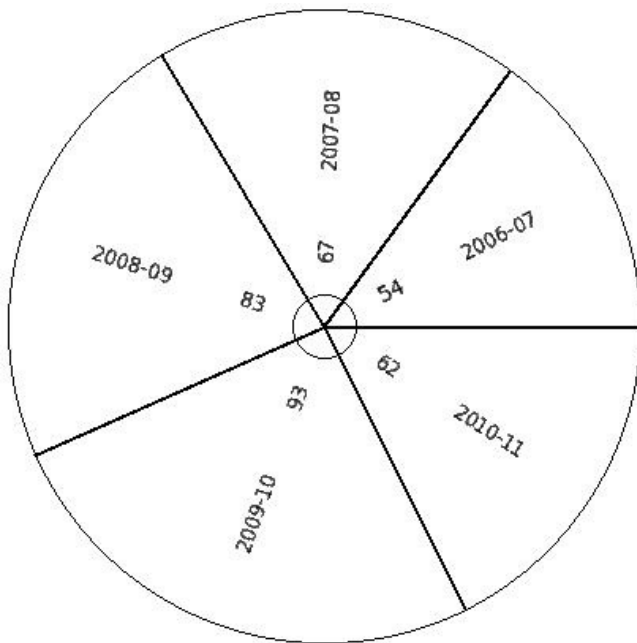
(i) Pagani Zonda (ii) Porsche (iii) Jaguar (iv) Bentley (v) Aston Martin

17. The number of sectors present in the pie chart



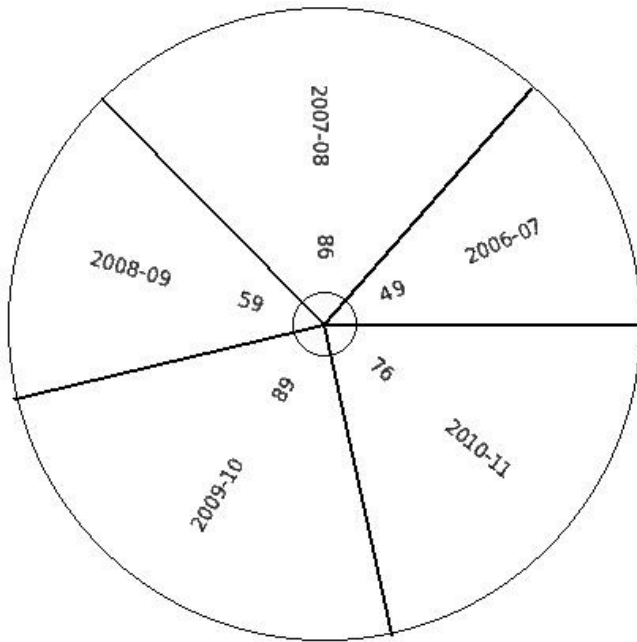
- (i) 7 (ii) 6 (iii) 8 (iv) 10 (v) 5

18. The total export earnings of ₹695 thousand crore of a country during five years is shown below. Find the year that has maximum export earnings.



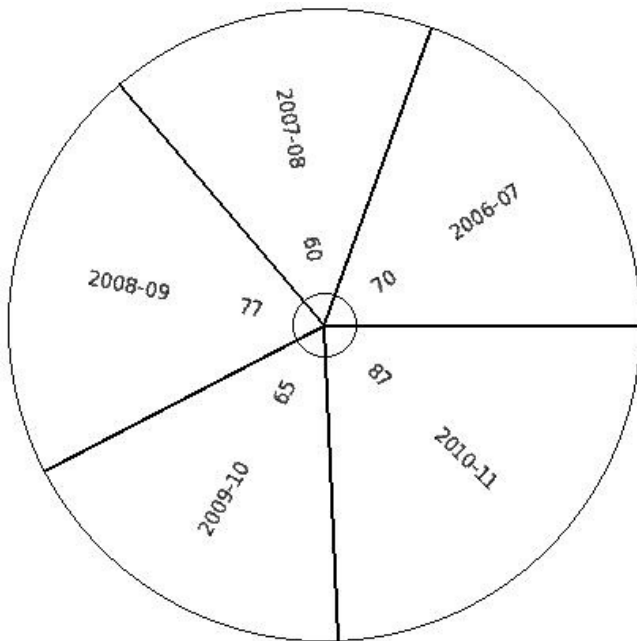
- (i) 2006-07 (ii) 2008-09 (iii) 2007-08 (iv) 2010-11 (v) 2009-10

19. The total export earnings of ₹730 thousand crore of a country during five years is shown below. Find the year that has minimum export earnings.



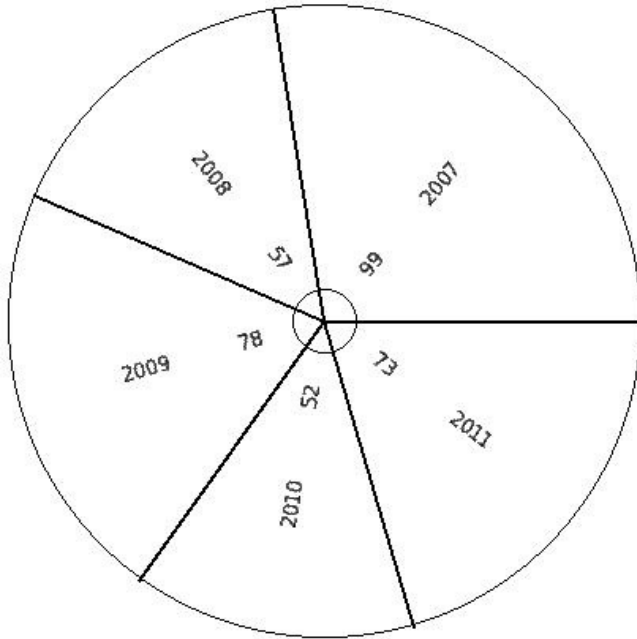
- (i) 2006-07 (ii) 2007-08 (iii) 2010-11 (iv) 2009-10 (v) 2008-09

20. The total export earnings of ₹745 thousand crore of a country during five years is shown below. Find the year that has 125 thousand crore export earnings.



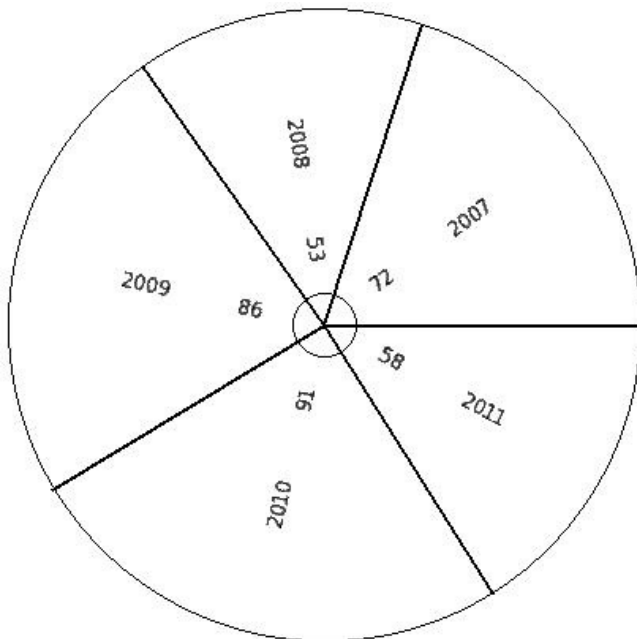
- (i) 2008-09 (ii) 2006-07 (iii) 2009-10 (iv) 2007-08 (v) 2010-11

21. Shown below is the total food grain production of 345 million tonnes over 5 years. Find the year that has maximum food grain production.



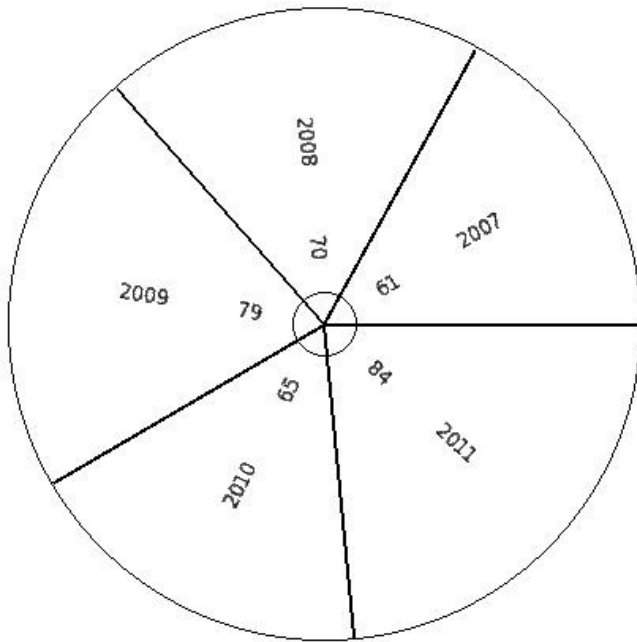
- (i) 2011 (ii) 2008 (iii) 2007 (iv) 2009 (v) 2010

22. Shown below is the total food grain production of 375 million tonnes over 5 years. Find the year that has minimum food grain production.



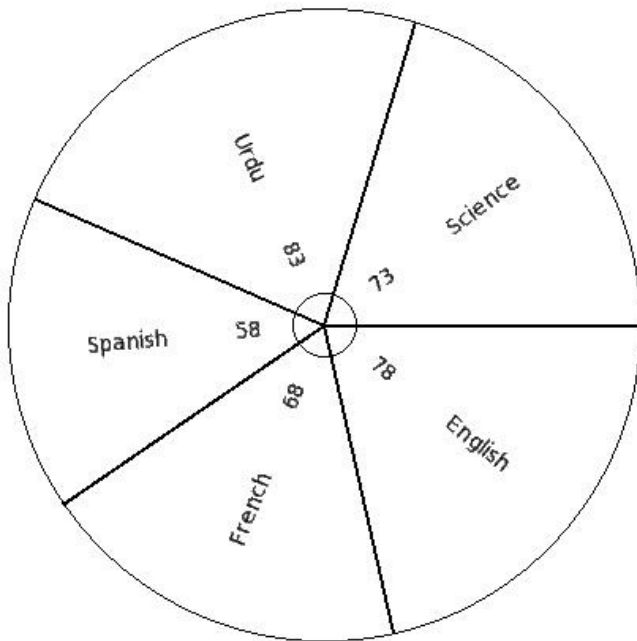
- (i) 2007 (ii) 2011 (iii) 2010 (iv) 2009 (v) 2008

23. Shown below is the total food grain production of 385 million tonnes over 5 years. Find the year that has 75 million tonnes food grain production.



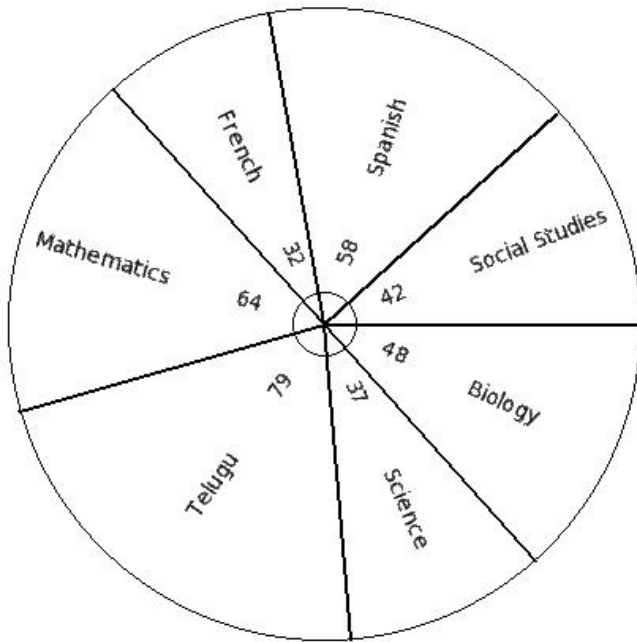
- (i) 2010 (ii) 2008 (iii) 2009 (iv) 2011 (v) 2007

24. The total marks obtained by Ashish in his annual exam are 370 as shown below. Find the subject that has maximum score.



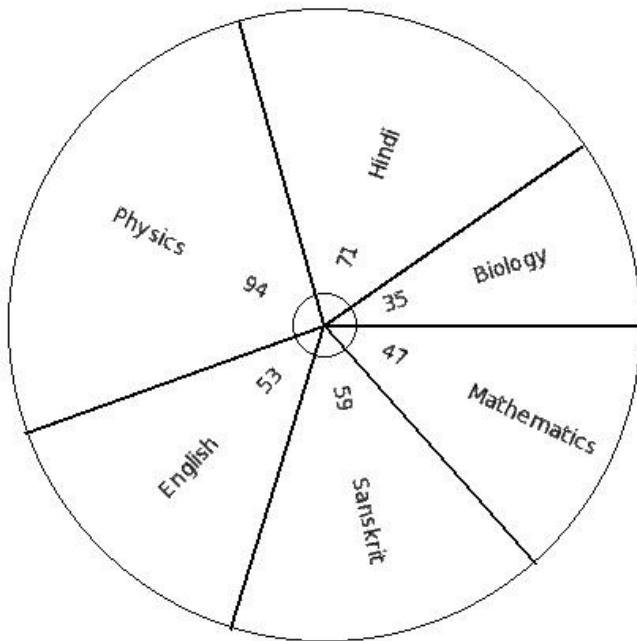
- (i) Spanish (ii) Science (iii) Urdu (iv) French (v) English

25. The total marks obtained by Daniel in his annual exam are 340 as shown below. Find the subject that has minimum score.



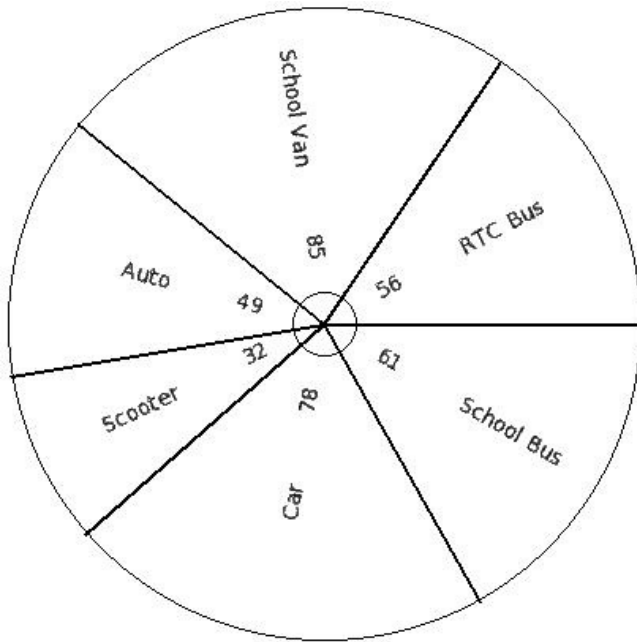
- (i) Spanish (ii) French (iii) Biology (iv) Science (v) Mathematics

26. The total marks obtained by Abhishek in his annual exam are 305 as shown below. Find the subject that has 45 score.



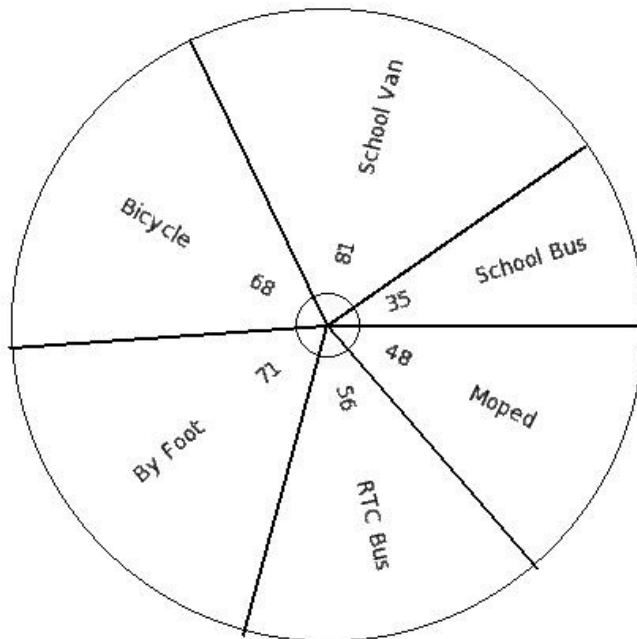
- (i) Mathematics (ii) Physics (iii) English (iv) Sanskrit (v) Hindi

27. 1480 students of a certain locality use different modes of travel to school as shown below. Find the mode of travel that has maximum students.



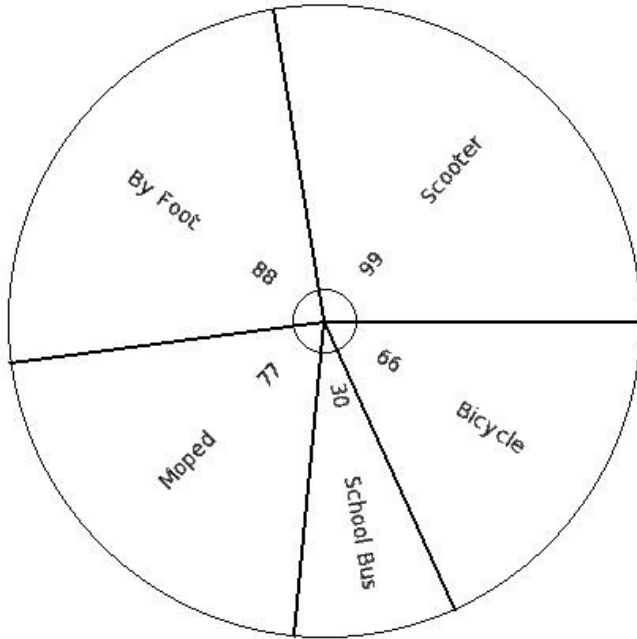
- (i) RTC Bus (ii) Scooter (iii) Car (iv) School Van (v) Auto

28. 1420 students of a certain locality use different modes of travel to school as shown below. Find the mode of travel that has minimum students.



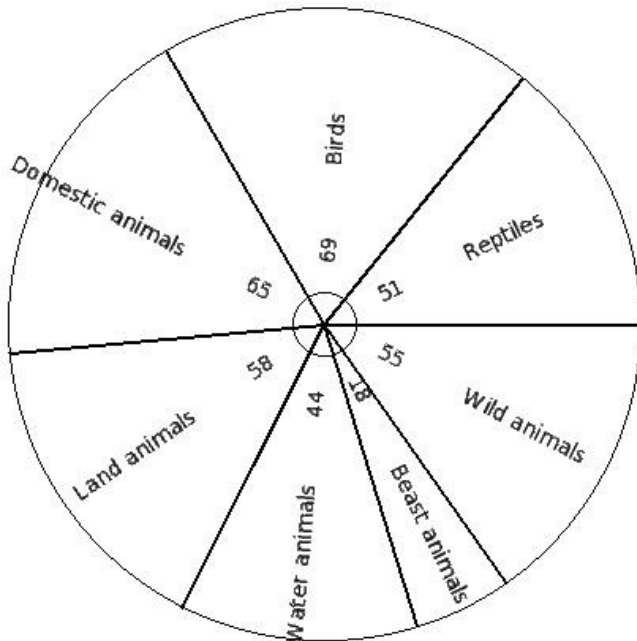
- (i) By Foot (ii) School Bus (iii) RTC Bus (iv) Moped (v) Bicycle

29. 1310 students of a certain locality use different modes of travel to school as shown below. Find the mode of travel that has 360 students.



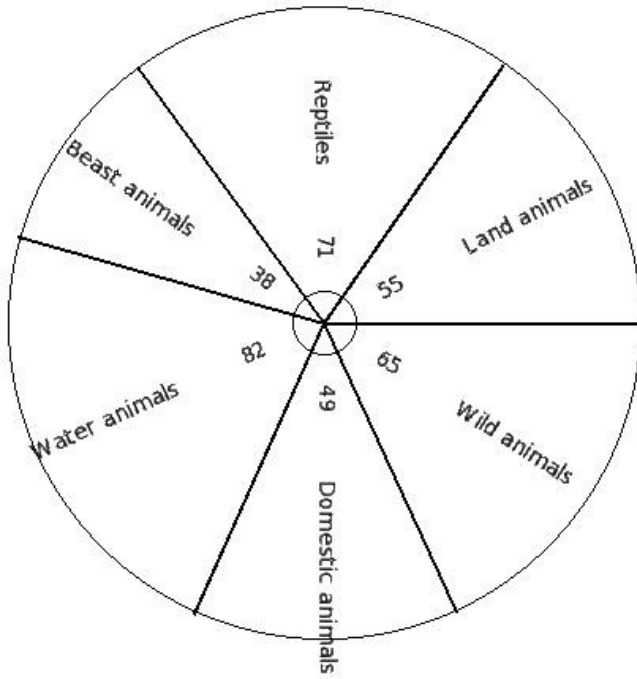
- (i) School Bus (ii) Bicycle (iii) Scooter (iv) By Foot (v) Moped

30. There are 990 creatures in a zoo. Find the type of creature that has maximum presence in the zoo.



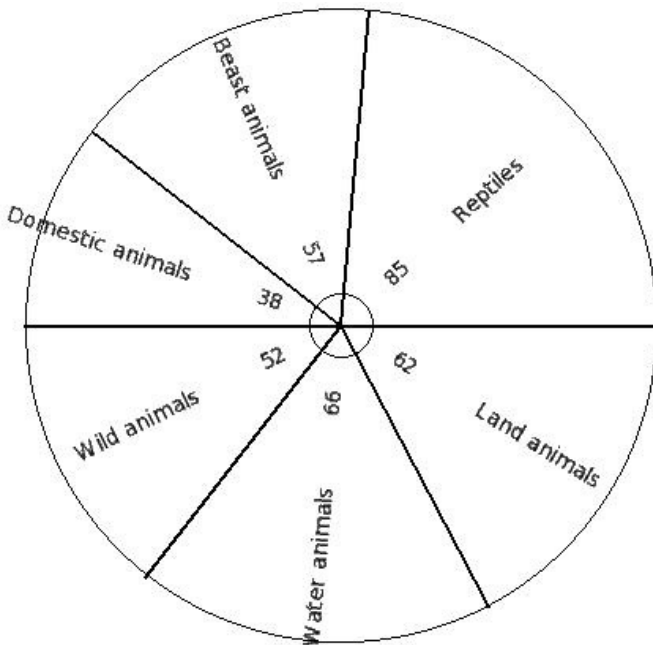
- (i) Land animals (ii) Wild animals (iii) Reptiles (iv) Domestic animals (v) Birds

31. There are 660 creatures in a zoo. Find the type of creature that has minimum presence in the zoo.



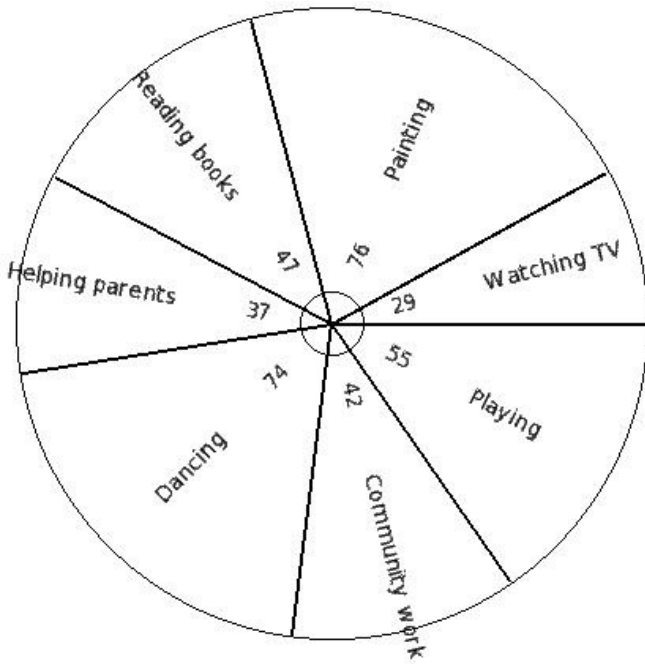
(i) Wild animals (ii) Reptiles (iii) Water animals (iv) Beast animals (v) Domestic animals

32. There are 760 creatures in a zoo. Find the type of creature that has 120 creatures presence in the zoo.



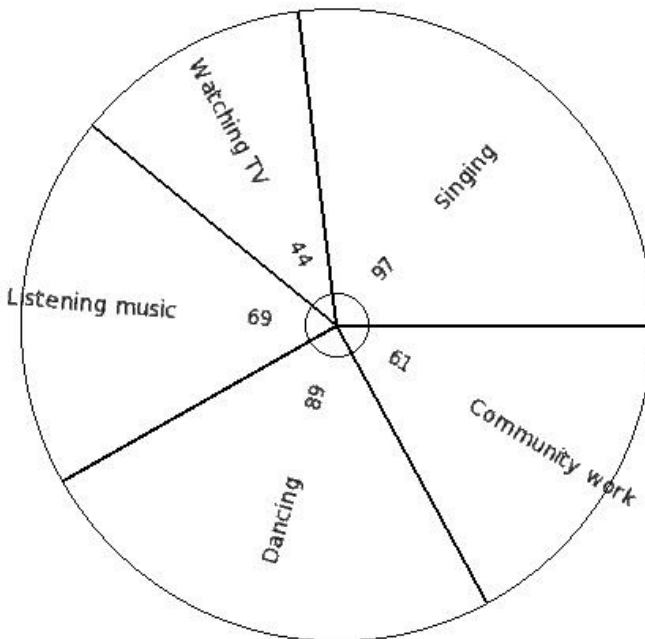
(i) Reptiles (ii) Land animals (iii) Water animals (iv) Domestic animals (v) Beast animals

33. A survey of 1370 school students was done to know the preferred free time activity. Find the activity that has maximum preference.



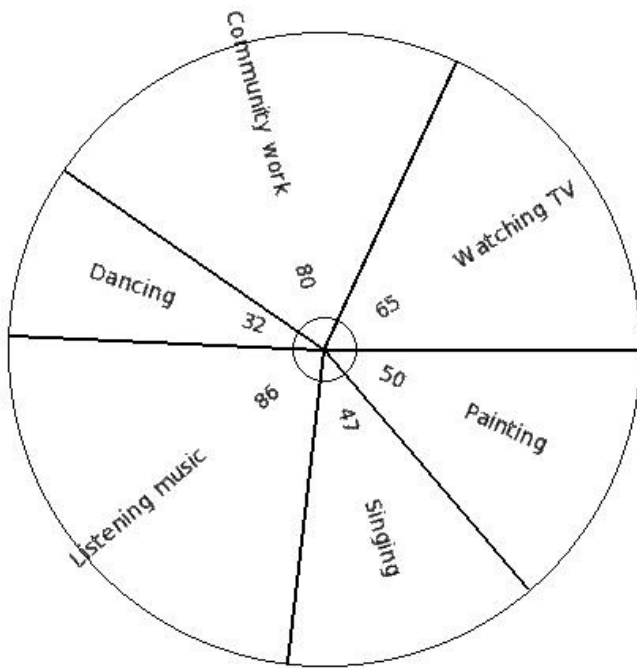
- (i) Painting (ii) Dancing (iii) Watching TV (iv) Helping parents (v) Playing

34. A survey of 890 school students was done to know the preferred free time activity. Find the activity that has minimum preference.



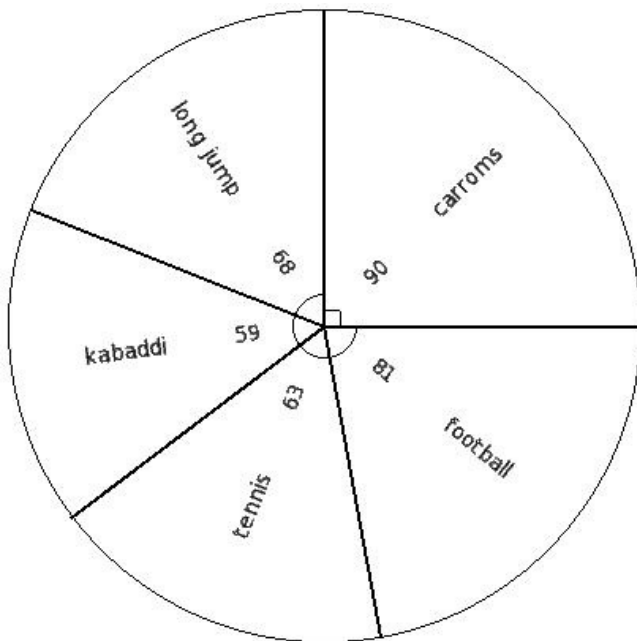
- (i) Community work (ii) Singing (iii) Watching TV (iv) Dancing (v) Listening music

35. A survey of 1220 school students was done to know the preferred free time activity. Find the activity that has 220 student preference.



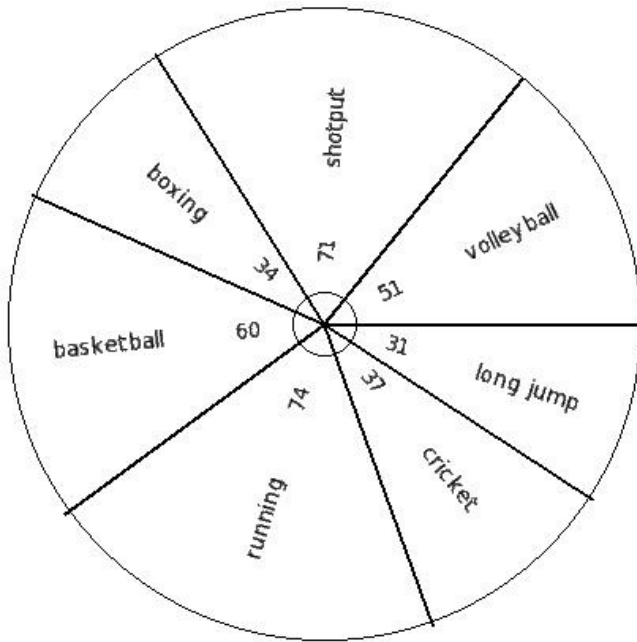
- (i) Community work (ii) Painting (iii) Dancing (iv) Listening music (v) Watching TV

36. The following pie chart shows 800 students of a school participating in various games. Find the game that has maximum participation.



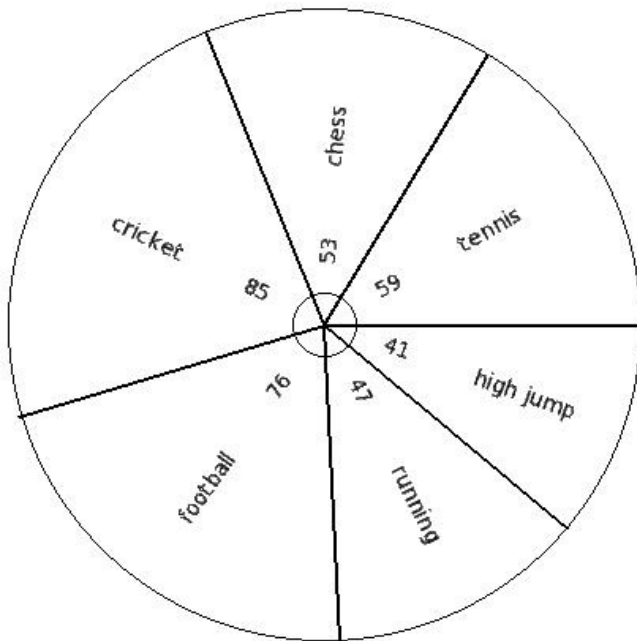
- (i) kabaddi (ii) football (iii) long jump (iv) carroms (v) tennis

37. The following pie chart shows 1260 students of a school participating in various games. Find the game that has minimum participation.



- (i) long jump (ii) basketball (iii) boxing (iv) shotput (v) running

38. The following pie chart shows 1230 students of a school participating in various games. Find the game that has 200 student participation.



- (i) high jump (ii) tennis (iii) chess (iv) running (v) football

The following table gives the data regarding the favourite sport of 504 students of a school. Find the pie chart sector angle for "high jump"

39.

Sport	high jump	table tennis	running	badminton	cricket	swimming	kabaddi	boxing
No. of students	27	63	72	90	54	81	18	99

- (i) 21.29° (ii) 17.29° (iii) 18.29° (iv) 19.29° (v) 20.29°

A man earns Rs 2790 per month. His expenditure during a month is as follows. Find the pie chart sector angle for "Clothing"

40.

Item	Loan	Insurance	Food	Misc.	Water	Rent	Clothing
Expenses (in rupees)	180	270	315	360	495	540	630

- (i) 82.29° (ii) 79.29° (iii) 83.29° (iv) 81.29° (v) 80.29°

41. Pie-diagram consists of

- (i) sectors (ii) squares (iii) circles (iv) triangles

42. The statistical diagram that shows the relative sizes of various parts in the total data is

- (i) sectors (ii) bar diagram (iii) pie-diagram (iv) pictograph

43. Sum of the angles of various sectors in a pie-diagram

- (i) 180° (ii) 360° (iii) 270° (iv) 90°

The total export earnings of ₹4050 crores of a country during five years is shown below. Find the pie chart sector angle for "2007-08"

44.

Years	2006-07	2007-08	2008-09	2009-10	2010-11
Exports(in thousand crore)	270	540	990	1080	1170

- (i) 48.00° (ii) 47.00° (iii) 46.00° (iv) 50.00° (v) 49.00°

Shown below is the total food grain production of 4140 million tonnes over 5 years. Find the pie chart sector angle for "2008"

45.

Years	2007	2008	2009	2010	2011
Foodgrains (in million tonnes)	360	630	810	900	1440

- (i) 52.78° (ii) 53.78° (iii) 56.78° (iv) 54.78° (v) 55.78°

The total marks obtained by Anil in his annual exam are 335 as shown below. Find the pie chart sector angle for "Mathematics"

46.

Subject	Urdu	German	Science	Mathematics	Spanish	Physics	Sanskrit
Marks obtained	60	45	55	40	30	70	35

- (i) 42.99° (ii) 40.99° (iii) 44.99° (iv) 43.99° (v) 41.99°

1278 students of a certain locality use different modes of travel to school as shown below. Find the pie chart sector angle for "Bicycle"

47.

Mode of travel	School Van	By Foot	Car	Bicycle	Moped	School Bus
No. of students	126	144	198	252	270	288

- (i) 70.99° (ii) 71.99° (iii) 69.99° (iv) 72.99° (v) 68.99°

There are 7470 creatures in a zoo as shown below. Find the pie chart sector angle for "Birds"

48.

Type of creatures	Land animals	Reptiles	Birds	Wild animals	Domestic animals	Beast animals	Water animals
No. of creatures	630	720	810	990	1350	1440	1530

- (i) 39.04° (ii) 41.04° (iii) 37.04° (iv) 38.04° (v) 40.04°

The table below shows the preferred free time activity of 756 school students. Find the pie chart sector angle for "Painting"

49.

Activity	Painting	Playing	Helping parents	Reading books	Singing
No. of students	72	108	144	162	270

- (i) 32.29° (ii) 33.29° (iii) 36.29° (iv) 35.29° (v) 34.29°

The following table shows 702 students of a school participating in various games. Find the pie chart sector angle for "chess"

50.

Games	basketball	chess	swimming	tennis	cricket
No. of students	54	108	126	198	216

- (i) 55.38° (ii) 53.38° (iii) 57.38° (iv) 56.38° (v) 54.38°

Assignment Key

1) (ii)	2) (iv)	3) (i)	4) (iii)	5) (v)	6) (v)
7) (i)	8) (iv)	9) (iv)	10) (iv)	11) (ii)	12) (v)
13) (iv)	14) (v)	15) (i)	16) (iii)	17) (i)	18) (v)
19) (i)	20) (iv)	21) (iii)	22) (v)	23) (ii)	24) (iii)
25) (ii)	26) (iii)	27) (iv)	28) (ii)	29) (iii)	30) (v)
31) (iv)	32) (v)	33) (i)	34) (iii)	35) (v)	36) (iv)
37) (i)	38) (ii)	39) (iv)	40) (iv)	41) (i)	42) (iii)
43) (ii)	44) (i)	45) (iv)	46) (i)	47) (i)	48) (i)
49) (v)	50) (i)				