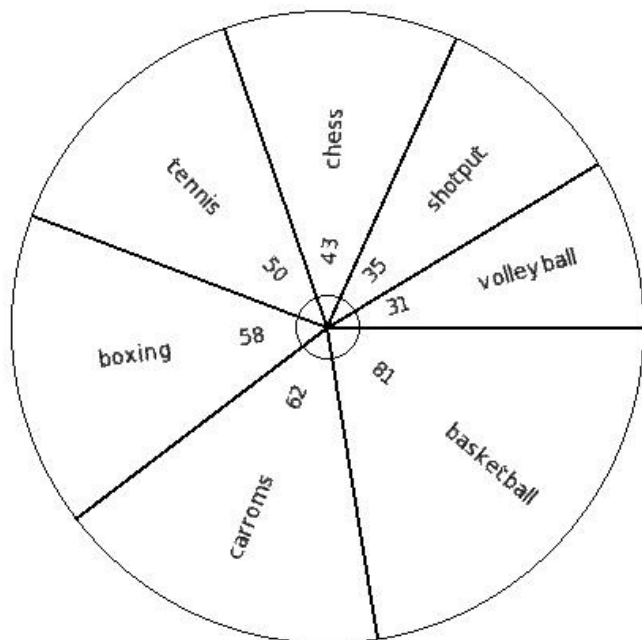


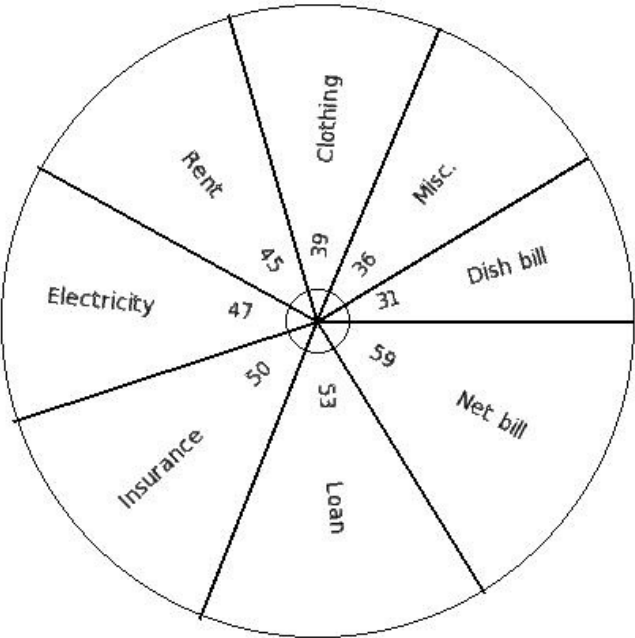


1. The following pie chart gives the data regarding the favourite sport of 837 students of a school. Identify the table for the given pie diagram.



- (i)
- | Sport | volleyball | shotput | chess | tennis | boxing | carroms | basketball |
|-----------------|------------|---------|-------|--------|--------|---------|------------|
| No. of students | 72 | 81 | 99 | 117 | 135 | 144 | 189 |
- (ii)
- | Sport | volleyball | shotput | chess | tennis | boxing | carroms | basketball |
|-----------------|------------|---------|-------|--------|--------|---------|------------|
| No. of students | 189 | 99 | 72 | 117 | 81 | 144 | 135 |
- (iii)
- | Sport | volleyball | shotput | chess | tennis | boxing | carroms | basketball |
|-----------------|------------|---------|-------|--------|--------|---------|------------|
| No. of students | 72 | 117 | 135 | 99 | 81 | 189 | 144 |
- (iv)
- | Sport | volleyball | shotput | chess | tennis | boxing | carroms | basketball |
|-----------------|------------|---------|-------|--------|--------|---------|------------|
| No. of students | 72 | 117 | 144 | 189 | 135 | 81 | 99 |
- (v)
- | Sport | volleyball | shotput | chess | tennis | boxing | carroms | basketball |
|-----------------|------------|---------|-------|--------|--------|---------|------------|
| No. of students | 117 | 81 | 189 | 99 | 144 | 135 | 72 |

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



- (i)

Item	Dish bill	Misc.	Clothing	Rent	Electricity	Insurance	Loan	Net bill
Expenses (in Rs)	1980	2340	2520	2880	3060	3240	3420	3780
- (ii)

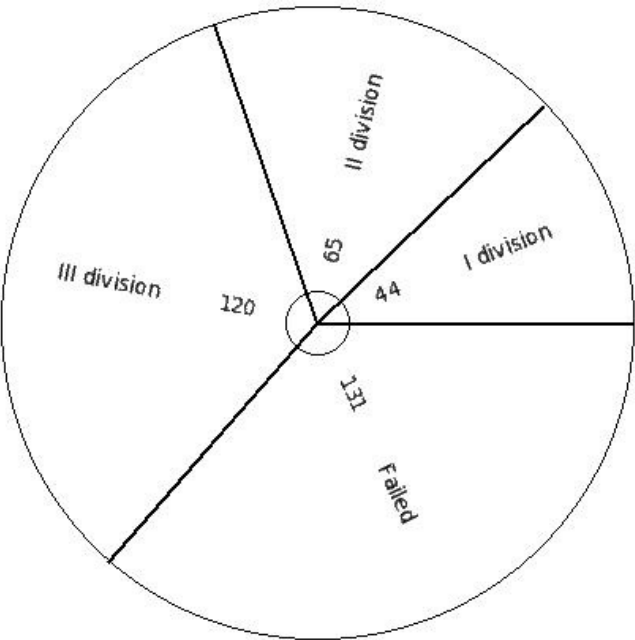
Item	Dish bill	Misc.	Clothing	Rent	Electricity	Insurance	Loan	Net bill
Expenses (in Rs)	2520	1980	3780	3060	2340	3420	3240	2880
- (iii)

Item	Dish bill	Misc.	Clothing	Rent	Electricity	Insurance	Loan	Net bill
Expenses (in Rs)	3060	2880	1980	2340	3420	2520	3240	3780
- (iv)

Item	Dish bill	Misc.	Clothing	Rent	Electricity	Insurance	Loan	Net bill
Expenses (in Rs)	3240	2880	2520	1980	3420	2340	3780	3060
- (v)

Item	Dish bill	Misc.	Clothing	Rent	Electricity	Insurance	Loan	Net bill
Expenses (in Rs)	3060	2880	2520	3240	2340	1980	3780	3420

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



- (i)

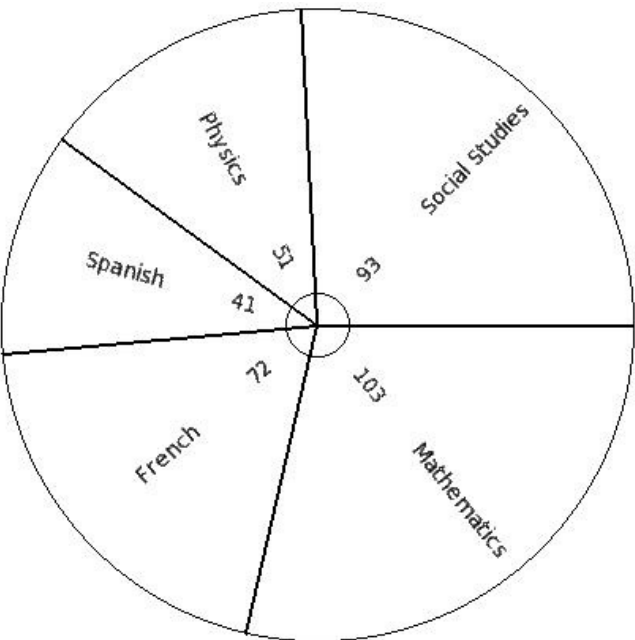
Result	I division	II division	III division	Failed
No. of Students	99	54	108	36
- (ii)

Result	I division	II division	III division	Failed
No. of Students	36	54	99	108
- (iii)

Result	I division	II division	III division	Failed
No. of Students	99	108	36	54
- (iv)

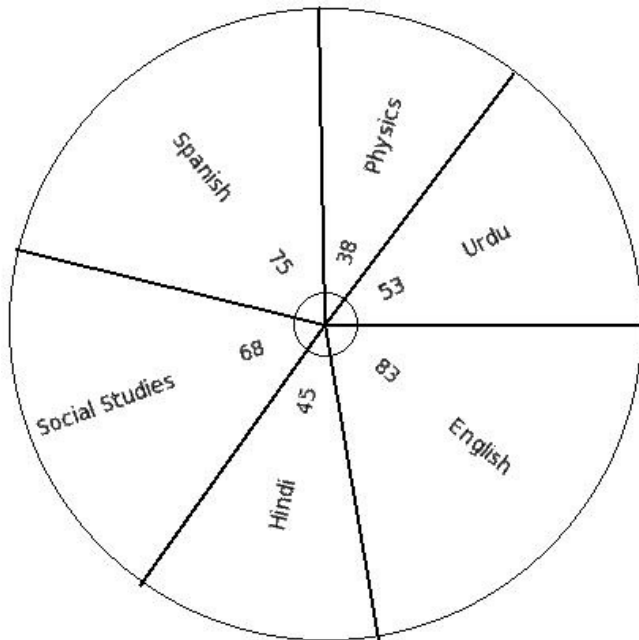
Result	I division	II division	III division	Failed
No. of Students	99	36	54	108

4. The total marks obtained by a student in his annual examination is 315. Find the maximum marks.



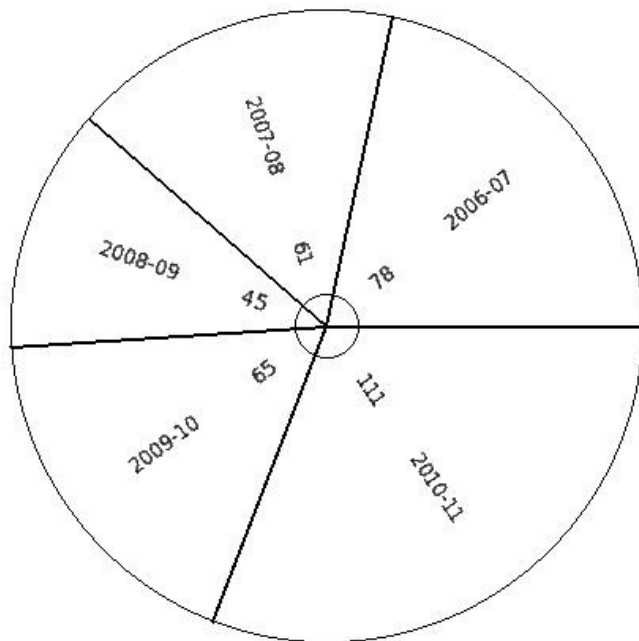
- (i) 89 (ii) 90 (iii) 91 (iv) 93 (v) 88

5. The total marks obtained by a student in his annual examination is 432. Find the minimum marks.



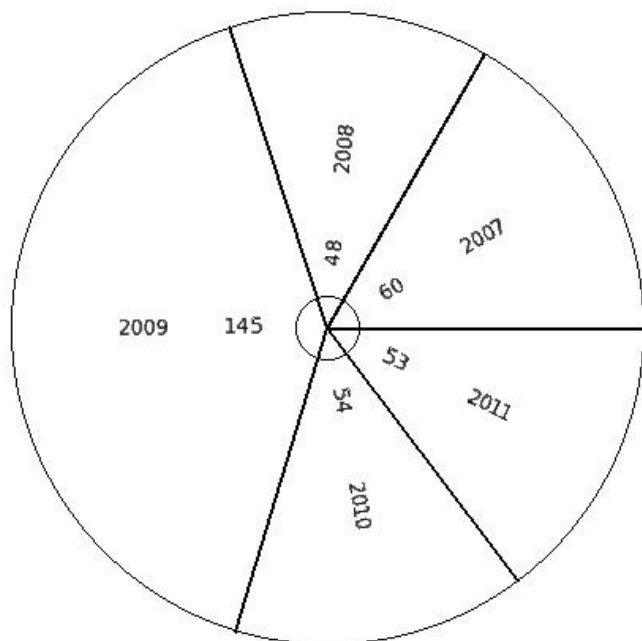
(i) 45 (ii) 47 (iii) 44 (iv) 42 (v) 46

6. The total export earnings of ₹3240 crores of a country during five years is shown below. Find the earnings (in crores) in 2006-07.



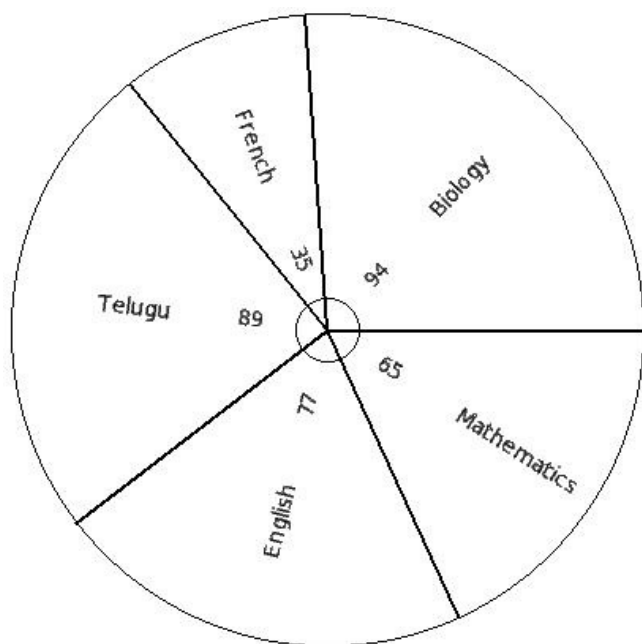
(i) 700 (ii) 705 (iii) 699 (iv) 704 (v) 702

7. Shown below is the total food grain production of 3240 million tonnes over 5 years. Find the production (in million tonnes) in 2007.



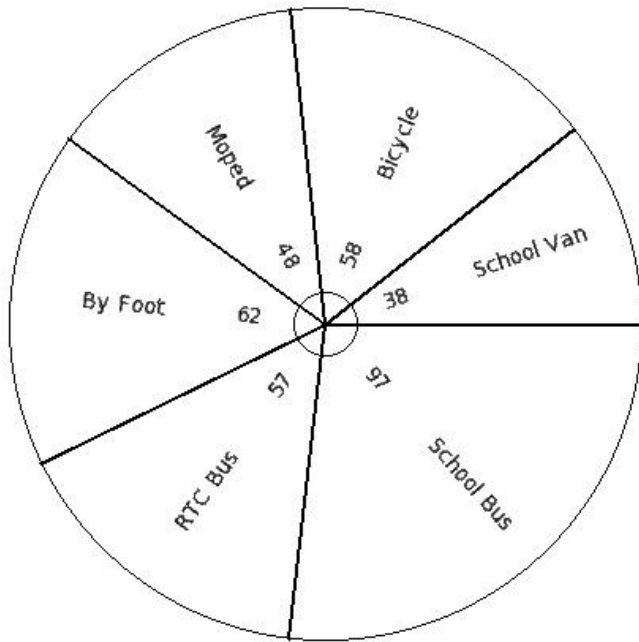
- (i) 543 (ii) 542 (iii) 538 (iv) 537 (v) 540

8. The total marks obtained by Srikanth in his annual exam are 305 as shown below. Find the marks in "Mathematics".



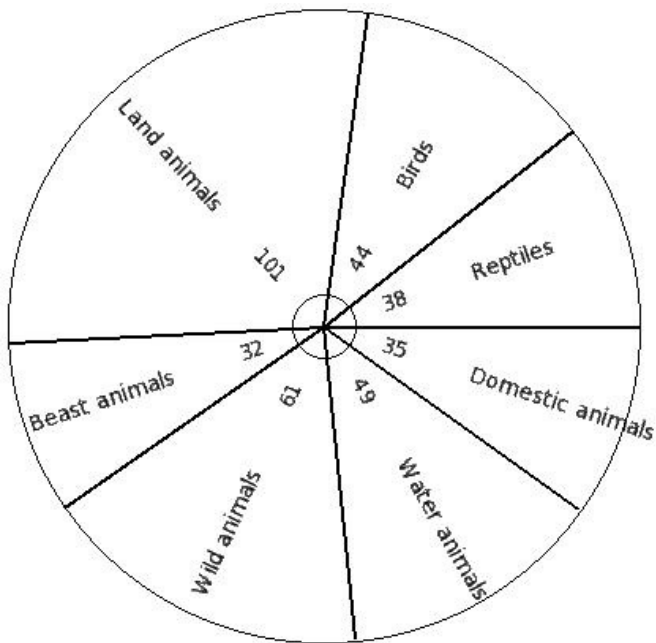
- (i) 53 (ii) 57 (iii) 58 (iv) 55 (v) 52

9. 1080 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 "RTC Bus".



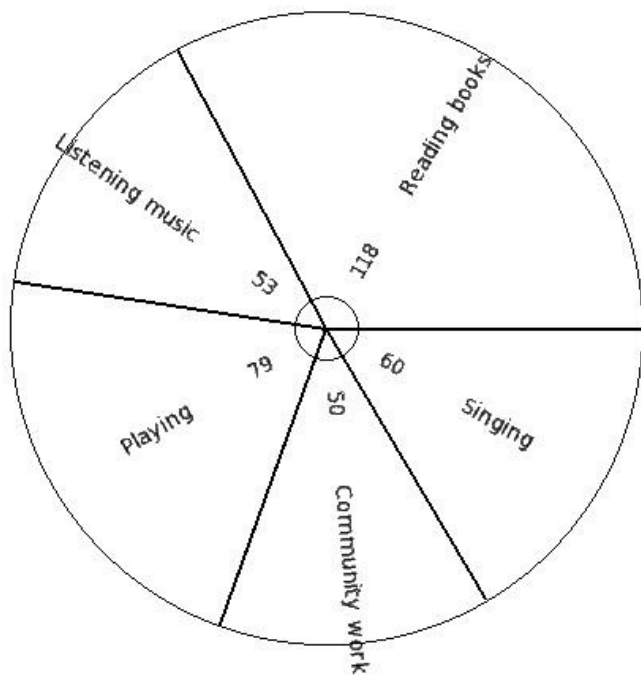
- (i) 168 (ii) 171 (iii) 174 (iv) 173 (v) 169

10. There are 2160 creatures in a zoo. Find the count of "Domestic animals".



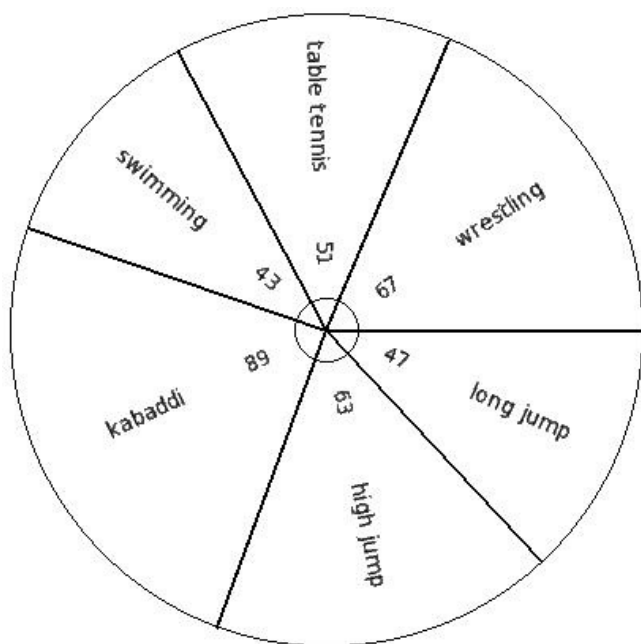
- (i) 212 (ii) 213 (iii) 208 (iv) 207 (v) 210

11. A survey of 1260 school students was done to know the preferred free time activity. Find the number of students who prefer "Reading books".



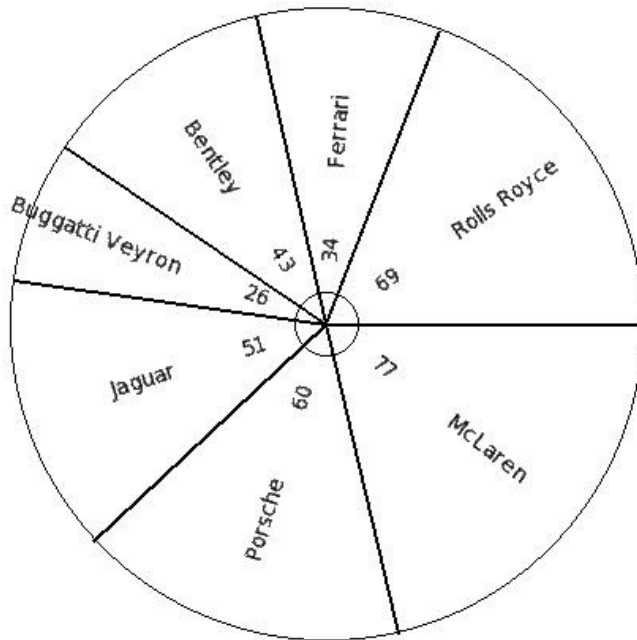
- (i) 415 (ii) 416 (iii) 411 (iv) 413 (v) 410

12. The following pie chart shows 900 students of a school participating in various games. Find the number of students who participate in "swimming".



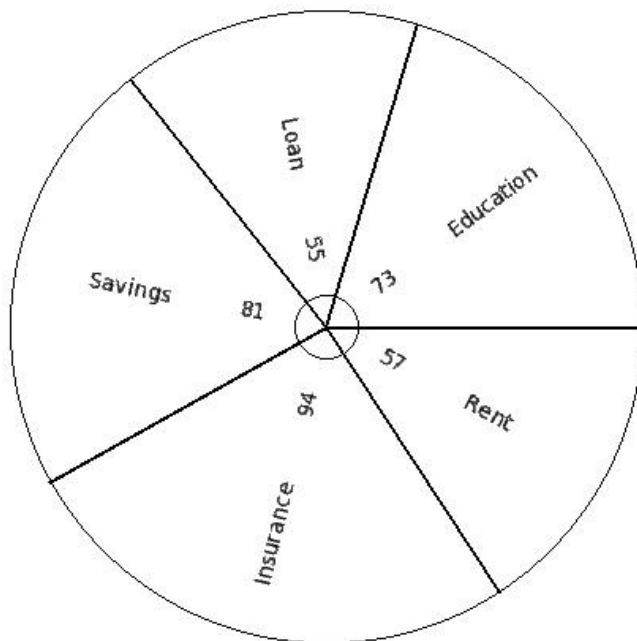
- (i) 105 (ii) 106 (iii) 111 (iv) 108 (v) 110

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



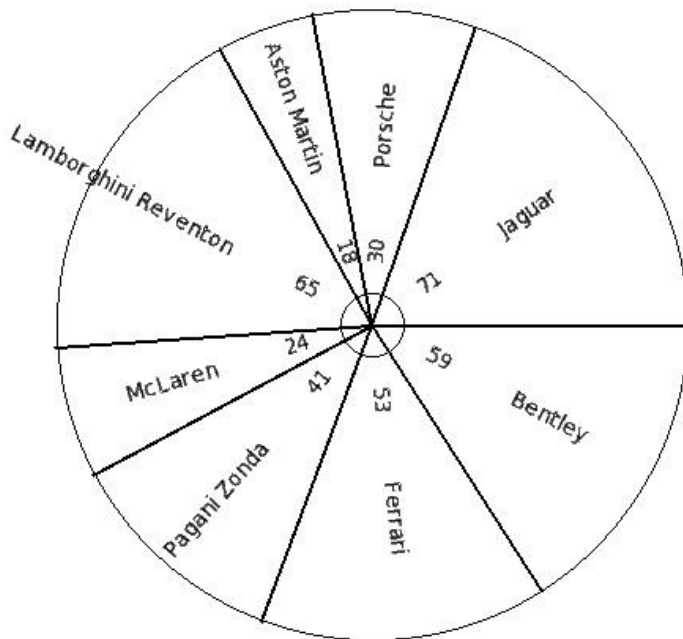
- (i) 44 (ii) 43 (iii) 41 (iv) 46 (v) 42

14. The pie diagram given below shows the monthly family expenditure of a person earning ₹16920 per month. How much does he spend on "Insurance"?



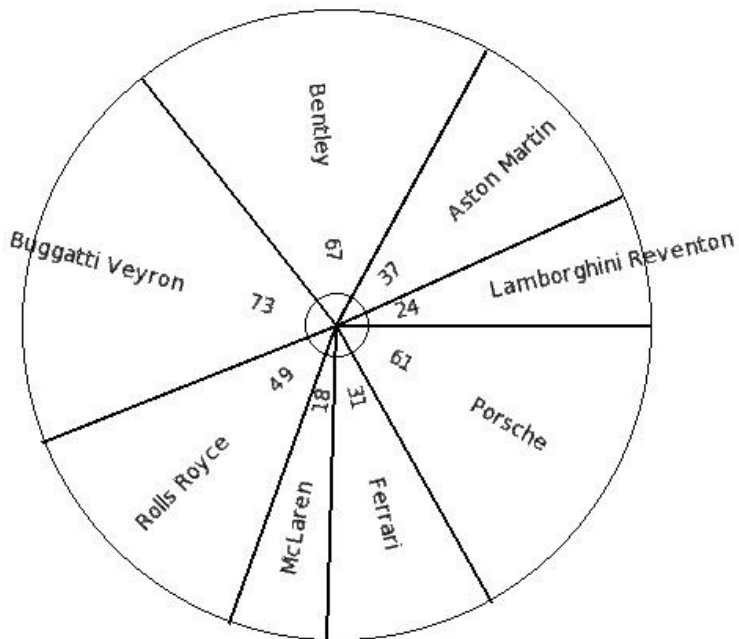
- (i) ₹4420.00 (ii) ₹4416.00 (iii) ₹4417.00 (iv) ₹4418.00 (v) ₹4419.00

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



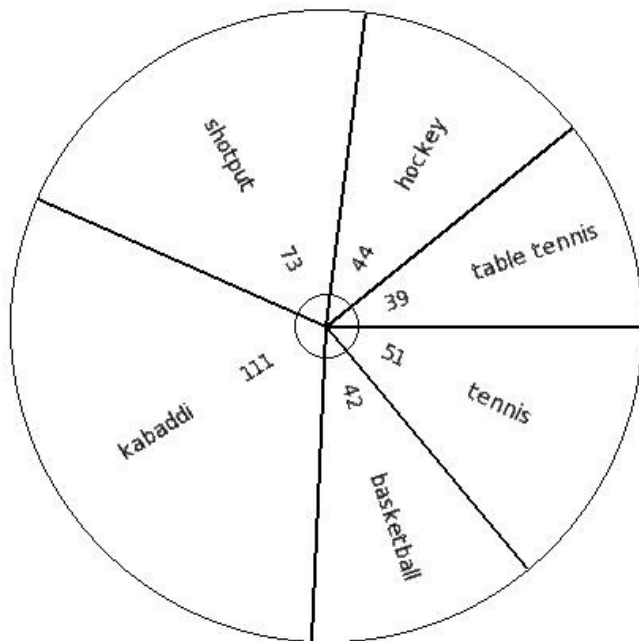
(i) Aston Martin (ii) McLaren (iii) Jaguar (iv) Bentley (v) Lamborghini Reventon

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



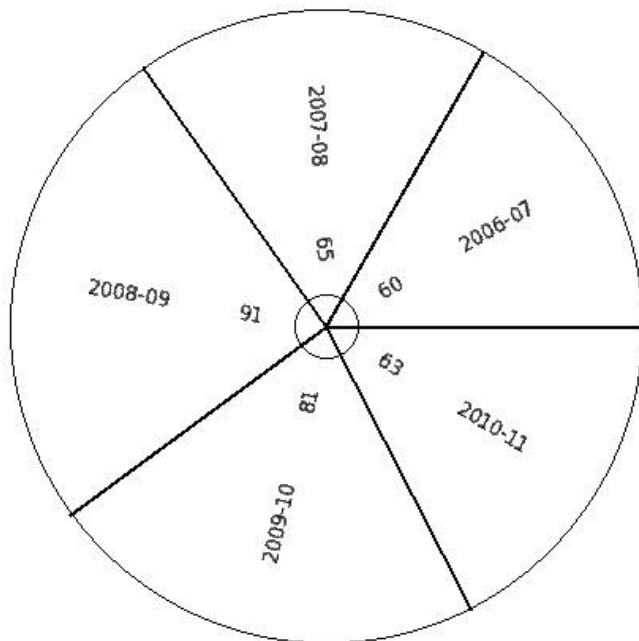
(i) Ferrari (ii) Bugatti Veyron (iii) Rolls Royce (iv) McLaren (v) Bentley

17. The number of sectors present in the pie chart



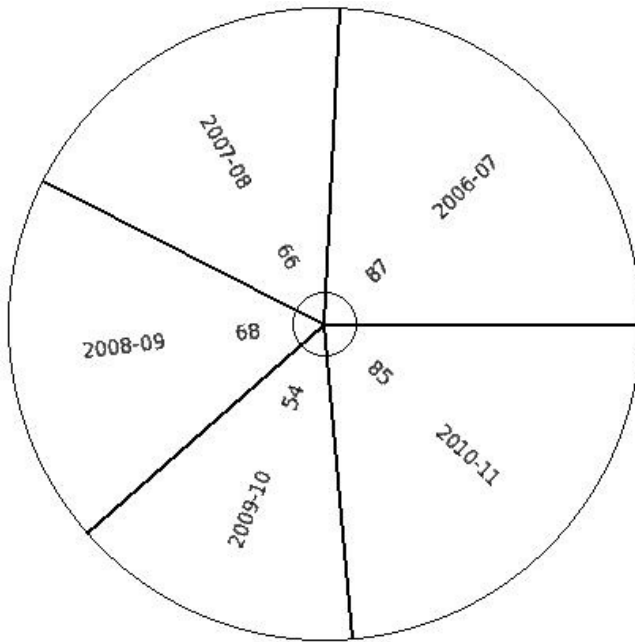
- (i) 5 (ii) 8 (iii) 3 (iv) 7 (v) 6

18. The total export earnings of ₹775 thousand crore of a country during five years is shown below. Find the year that has maximum export earnings.



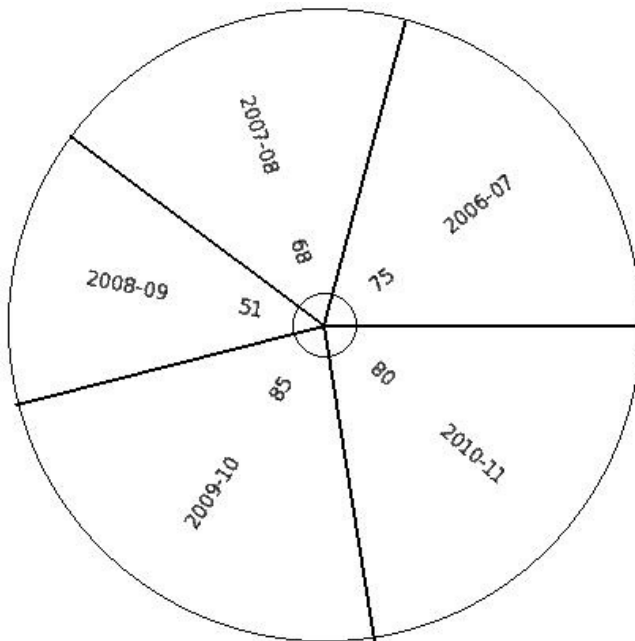
- (i) 2010-11 (ii) 2008-09 (iii) 2007-08 (iv) 2006-07 (v) 2009-10

19. The total export earnings of ₹765 thousand crore of a country during five years is shown below. Find the year that has minimum export earnings.



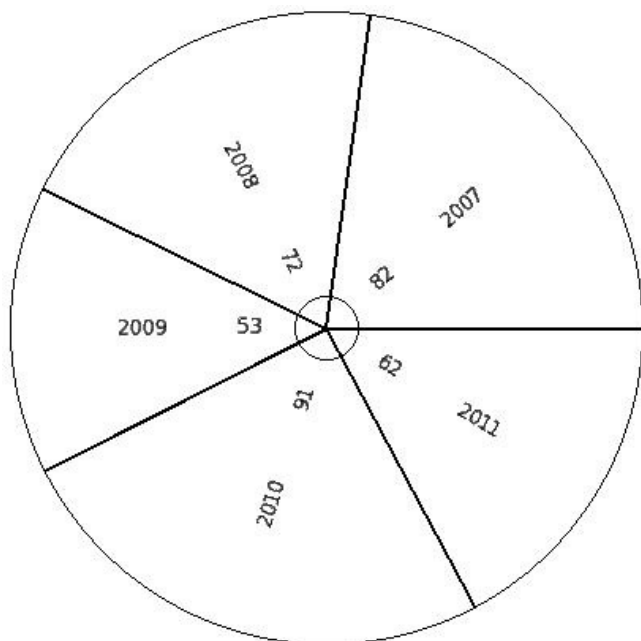
(i) 2008-09 (ii) 2007-08 (iii) 2009-10 (iv) 2006-07 (v) 2010-11

20. The total export earnings of ₹740 thousand crore of a country during five years is shown below. Find the year that has 165 thousand crore export earnings.



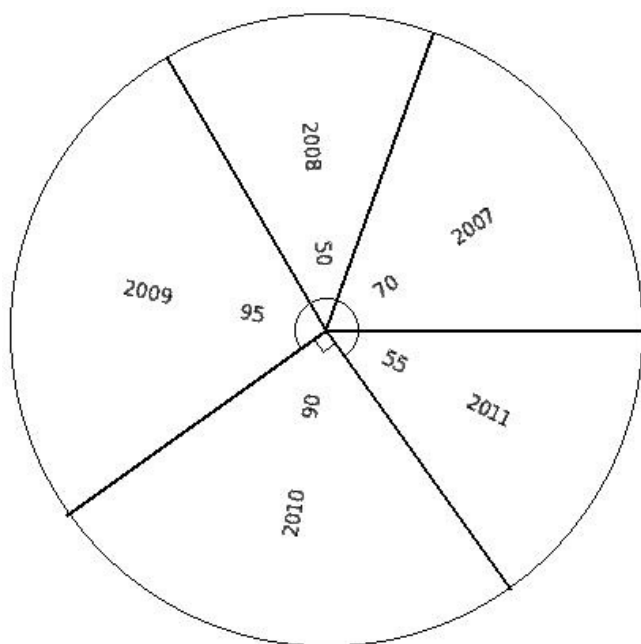
(i) 2007-08 (ii) 2006-07 (iii) 2010-11 (iv) 2008-09 (v) 2009-10

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



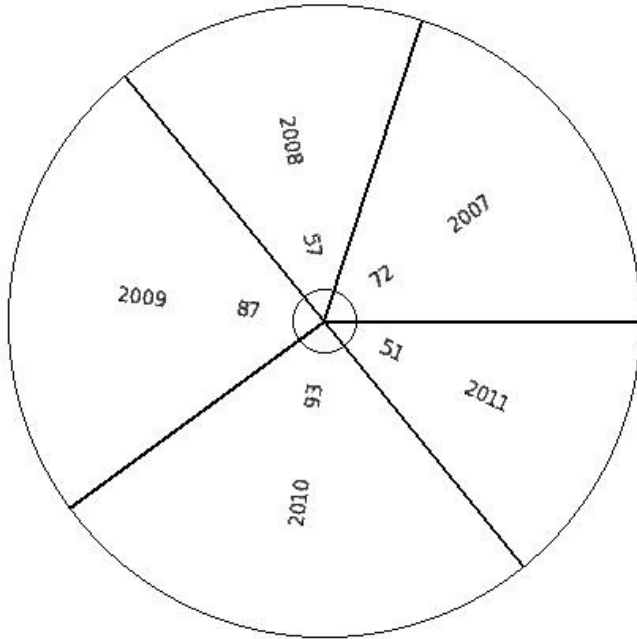
- (i) 2010 (ii) 2007 (iii) 2008 (iv) 2011 (v) 2009

22. Shown below is the total food grain production of 360 million tonnes over 5 years. Find the year that has minimum food grain production.



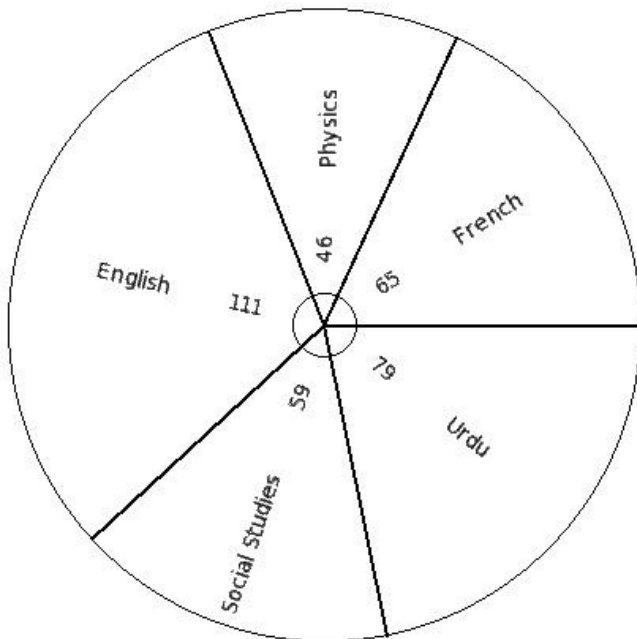
- (i) 2008 (ii) 2011 (iii) 2007 (iv) 2009 (v) 2010

23. Shown below is the total food grain production of 350 million tonnes over 5 years. Find the year that has 50 million tonnes food grain production.



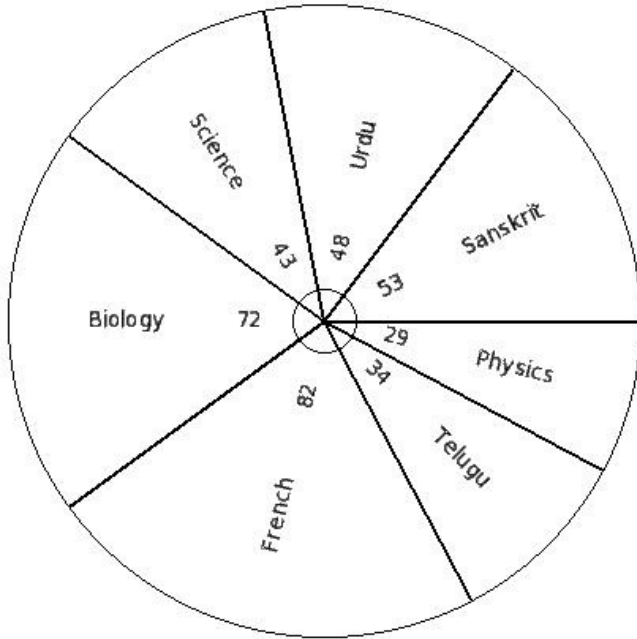
- (i) 2011 (ii) 2009 (iii) 2010 (iv) 2007 (v) 2008

24. The total marks obtained by Mohan in his annual exam are 275 as shown below. Find the subject that has maximum score.



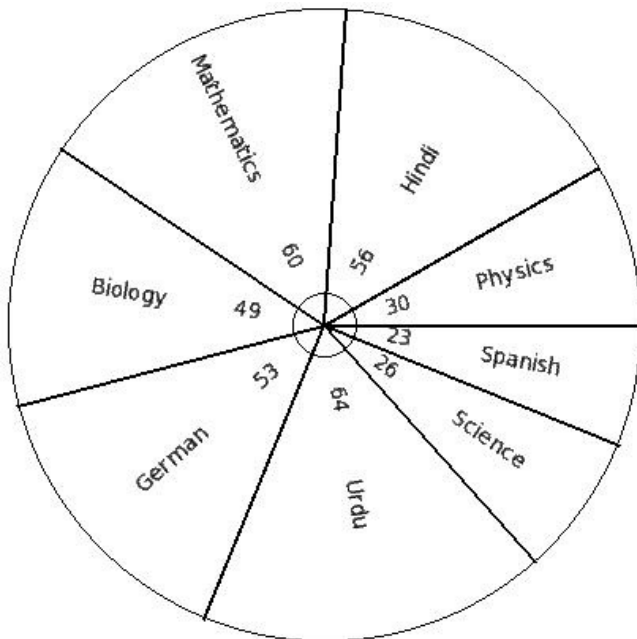
- (i) French (ii) English (iii) Physics (iv) Social Studies (v) Urdu

25. The total marks obtained by Kavish in his annual exam are 375 as shown below. Find the subject that has minimum score.



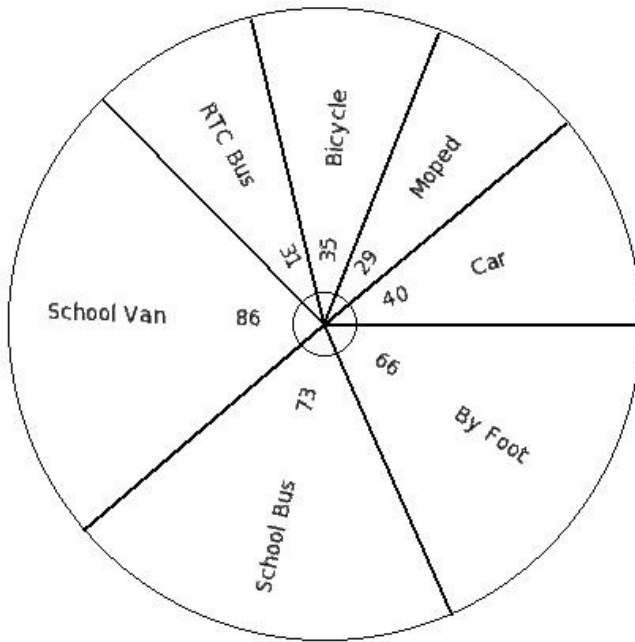
- (i) French (ii) Science (iii) Urdu (iv) Physics (v) Telugu

26. The total marks obtained by Srinivas in his annual exam are 480 as shown below. Find the subject that has 75 score.



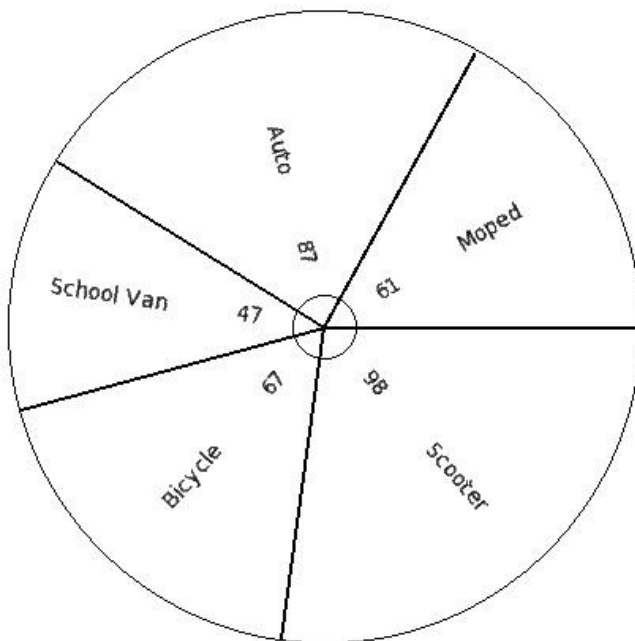
- (i) Hindi (ii) Spanish (iii) Physics (iv) Science (v) Biology

27. 1630 students of a certain locality use different modes of travel to school as shown below. Find the mode of travel that has maximum students.



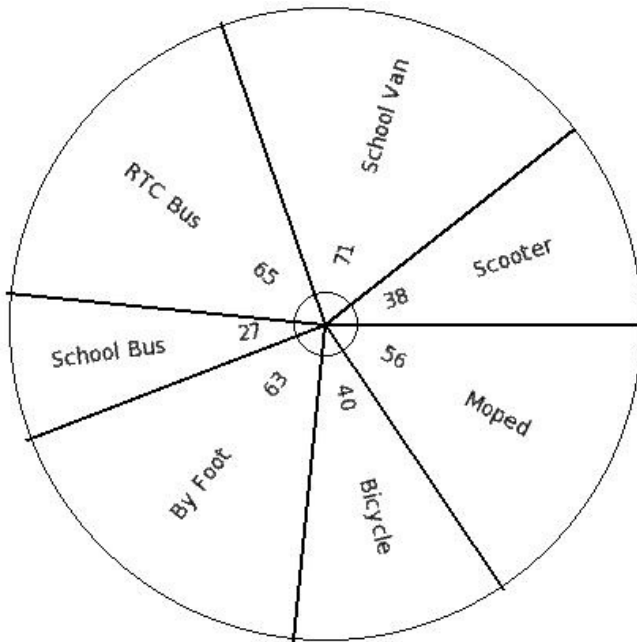
(i) School Bus (ii) Moped (iii) RTC Bus (iv) Car (v) School Van

28. 1070 students of a certain locality use different modes of travel to school as shown below. Find the mode of travel that has minimum students.



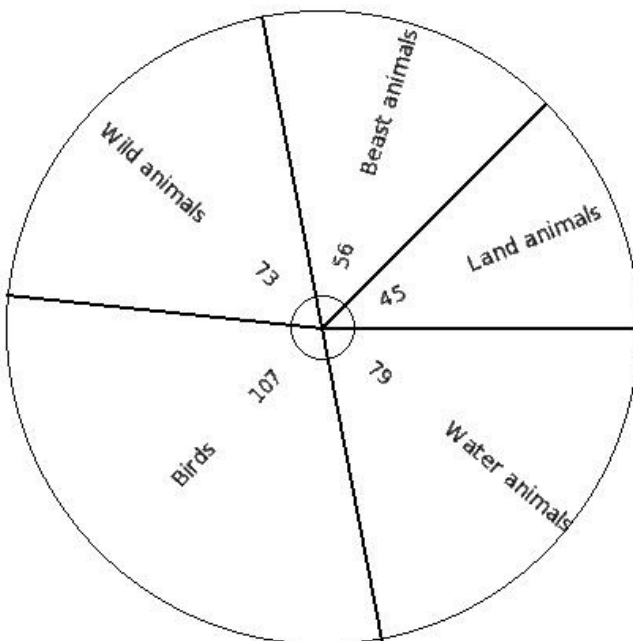
(i) Scooter (ii) Moped (iii) School Van (iv) Auto (v) Bicycle

29. 1880 students of a certain locality use different modes of travel to school as shown below. Find the mode of travel that has 290 students.



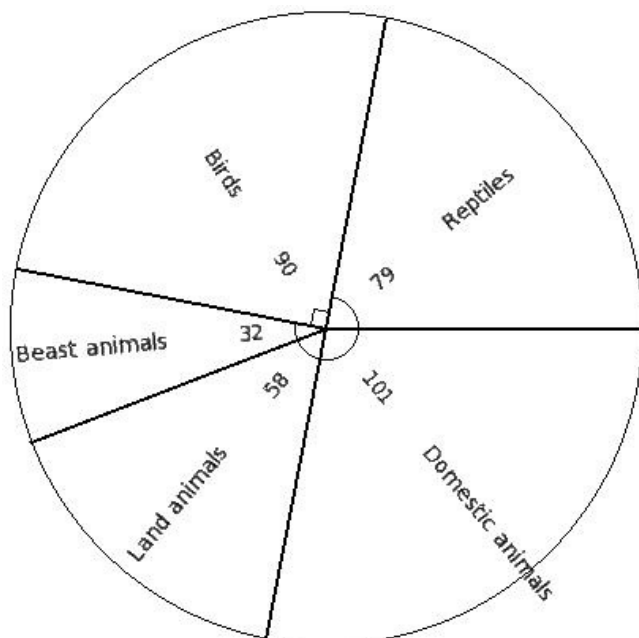
(i) Moped (ii) Bicycle (iii) Scooter (iv) School Van (v) RTC Bus

30. There are 640 creatures in a zoo. Find the type of creature that has maximum presence in the zoo.



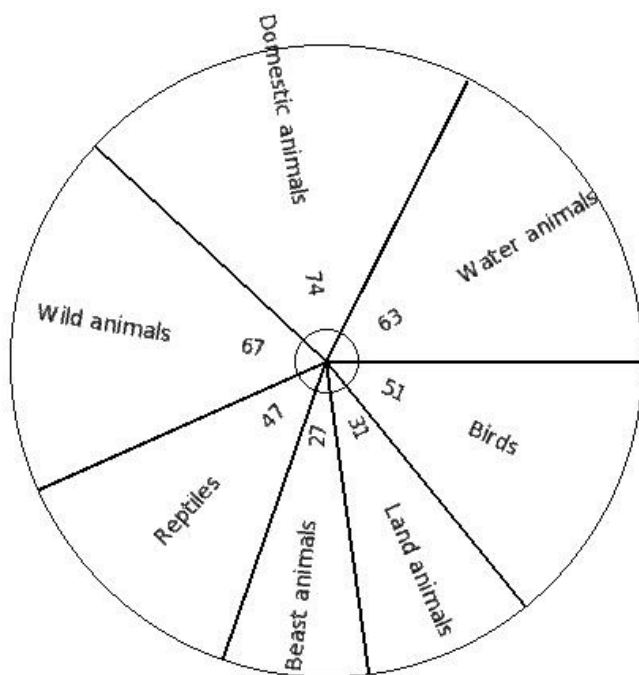
(i) Land animals (ii) Birds (iii) Wild animals (iv) Water animals (v) Beast animals

31. There are 680 creatures in a zoo. Find the type of creature that has minimum presence in the zoo.



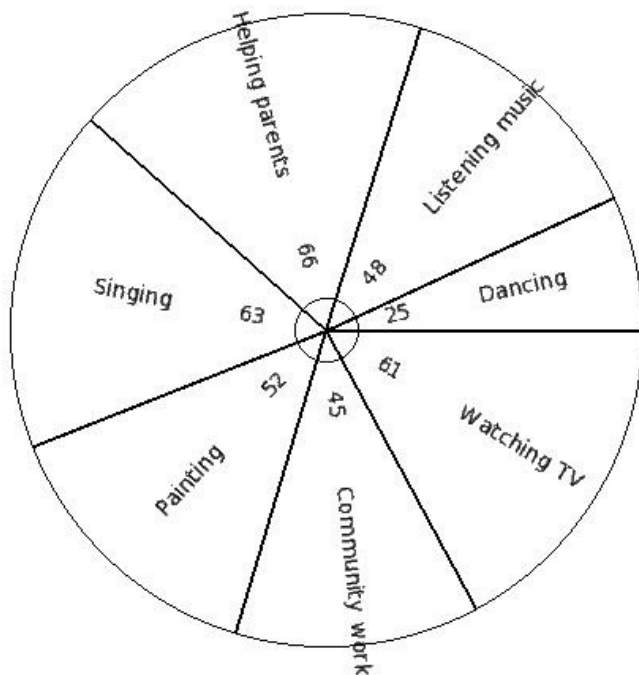
(i) Beast animals (ii) Domestic animals (iii) Birds (iv) Reptiles (v) Land animals

32. There are 920 creatures in a zoo. Find the type of creature that has 70 creatures presence in the zoo.



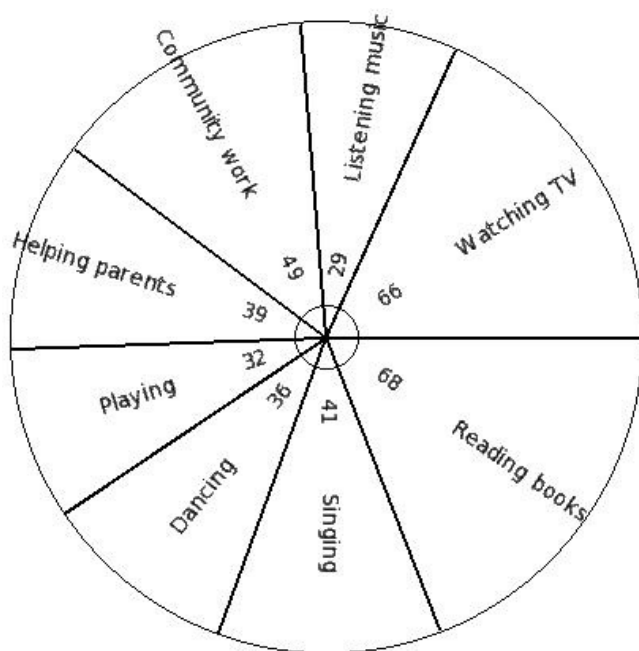
(i) Land animals (ii) Beast animals (iii) Water animals (iv) Birds (v) Domestic animals

33. A survey of 1590 school students was done to know the preferred free time activity. Find the activity that has maximum preference.



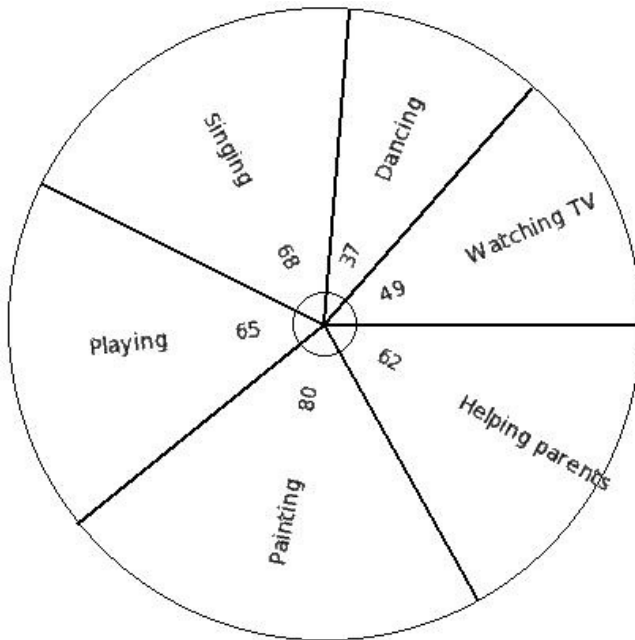
- (i) Listening music (ii) Singing (iii) Community work (iv) Watching TV (v) Helping parents

34. A survey of 1480 school students was done to know the preferred free time activity. Find the activity that has minimum preference.



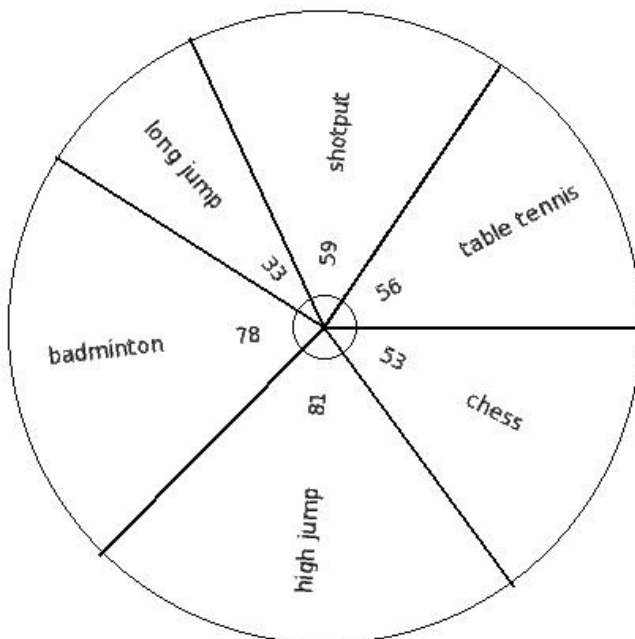
- (i) Listening music (ii) Playing (iii) Reading books (iv) Dancing (v) Helping parents

35. A survey of 1170 school students was done to know the preferred free time activity. Find the activity that has 120 student preference.



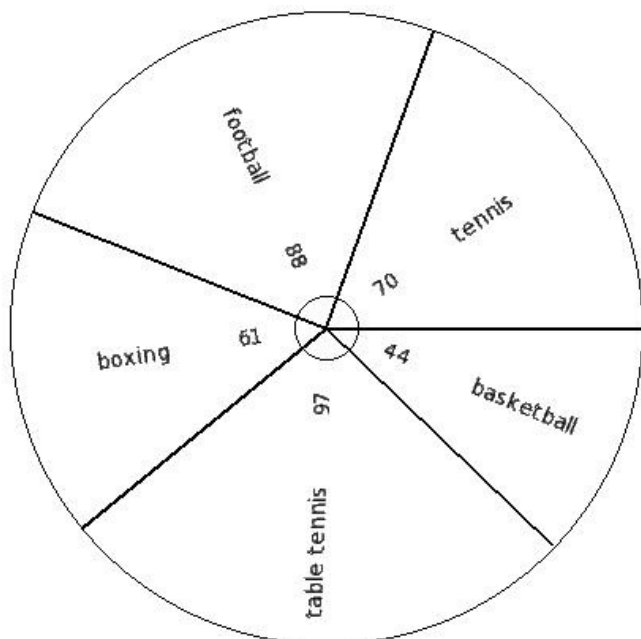
- (i) Painting (ii) Helping parents (iii) Dancing (iv) Watching TV (v) Playing

36. The following pie chart shows 1290 students of a school participating in various games. Find the game that has maximum participation.



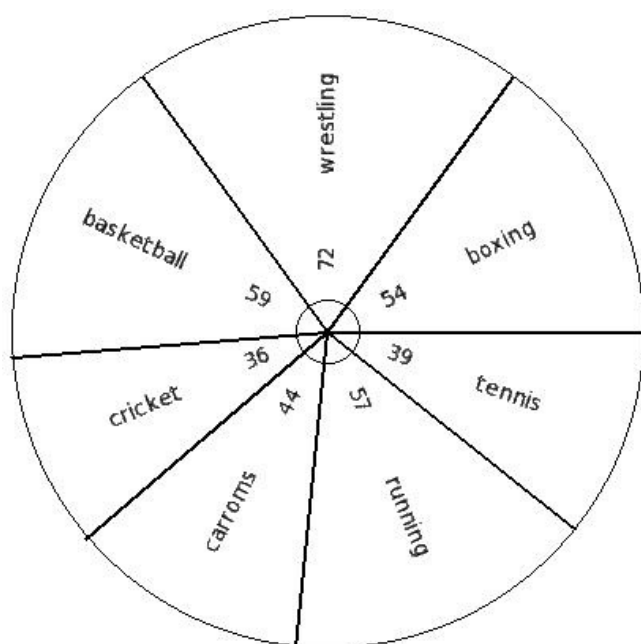
- (i) chess (ii) table tennis (iii) long jump (iv) shotput (v) high jump

37. The following pie chart shows 820 students of a school participating in various games. Find the game that has minimum participation.



- (i) table tennis (ii) basketball (iii) football (iv) boxing (v) tennis

38. The following pie chart shows 1400 students of a school participating in various games. Find the game that has 210 student participation.



- (i) basketball (ii) wrestling (iii) running (iv) boxing (v) carroms

The following table gives the data regarding the favourite sport of 360 students of a school. Find the pie chart sector angle for "badminton"

Sport	badminton	shotput	kabaddi	wrestling	carroms
No. of students	63	90	54	72	81

- (i) 64.00° (ii) 61.00° (iii) 62.00° (iv) 63.00° (v) 65.00°

A man earns Rs 4185 per month. His expenditure during a month is as follows. Find the pie chart sector angle for "Education"

Item	Insurance	Clothing	Misc.	Electricity	Food	Rent	Education	Savings
Expenses (in rupees)	135	270	405	540	630	675	720	810

- (i) 62.94° (ii) 63.94° (iii) 60.94° (iv) 61.94° (v) 59.94°

41. Pie-diagram consists of
(i) squares (ii) circles (iii) triangles (iv) sectors

42. The statistical diagram that shows the relative sizes of various parts in the total data is
(i) bar diagram (ii) pie-diagram (iii) sectors (iv) pictograph

43. Sum of the angles of various sectors in a pie-diagram
(i) 90° (ii) 180° (iii) 270° (iv) 360°

The total export earnings of ₹2880 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)	180	270	630	810	990

(i) 32.75° (ii) 35.75° (iii) 34.75° (iv) 31.75° (v) 33.75°

Shown below is the total food grain production of 4590 million tonnes over 5 years. Find the pie chart sector angle for "2009"

45.

Years	2007	2008	2009	2010	2011
Foodgrains (in million tonnes)	450	810	990	1080	1260

(i) 76.65° (ii) 75.65° (iii) 78.65° (iv) 77.65° (v) 79.65°

The total marks obtained by Varun in his annual exam are 295 as shown below. Find the pie chart sector angle for "Hindi"

46.

Subject	Biology	Urdu	Hindi	Social Studies	French
Marks obtained	85	55	60	45	50

(i) 72.22° (ii) 73.22° (iii) 71.22° (iv) 75.22° (v) 74.22°

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

47.

Mode of travel	RTC Bus	School Bus	Scooter	Auto	Moped
No. of students	54	126	180	216	234

(i) 56.00° (ii) 55.00° (iii) 54.00° (iv) 57.00° (v) 58.00°

There are 4320 creatures in a zoo as shown below. Find the pie chart sector angle for "Beast animals"

48.

Type of creatures	Land animals	Water animals	Domestic animals	Wild animals	Beast animals	Reptiles
No. of creatures	270	540	720	810	900	1080

(i) 74.00° (ii) 76.00° (iii) 77.00° (iv) 73.00° (v) 75.00°

The table below shows the preferred free time activity of 1476 school students. Find the pie chart sector angle for "Reading books"

49.

Activity	Playing	Helping parents	Listening music	Dancing	Reading books	Watching TV	Community work
No. of students	90	144	198	234	252	270	288

(i) 59.46° (ii) 61.46° (iii) 60.46° (iv) 63.46° (v) 62.46°

The following table shows 1368 students of a school participating in various games. Find the pie chart sector angle for "hockey"

50.

Games	volleyball	shotput	chess	football	badminton	hockey	kabaddi
No. of students	72	90	108	180	288	306	324

(i) 78.53° (ii) 80.53° (iii) 79.53° (iv) 82.53° (v) 81.53°

Assignment Key

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