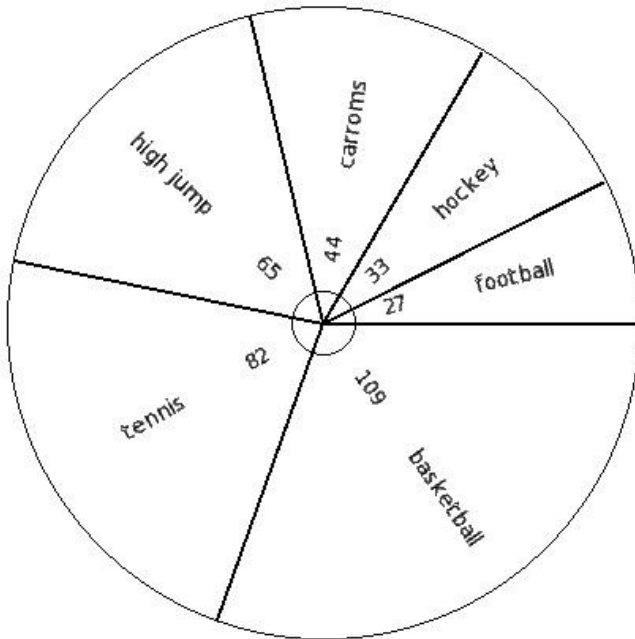




1. The following pie chart gives the data regarding the favourite sport of 594 students of a school. Identify the table for the given pie diagram.



(i)

Sport	football	hockey	carroms	high jump	tennis	basketball
No. of students	45	54	72	108	135	180

(ii)

Sport	football	hockey	carroms	high jump	tennis	basketball
No. of students	45	180	135	72	54	108

(iii)

Sport	football	hockey	carroms	high jump	tennis	basketball
No. of students	54	45	135	72	108	180

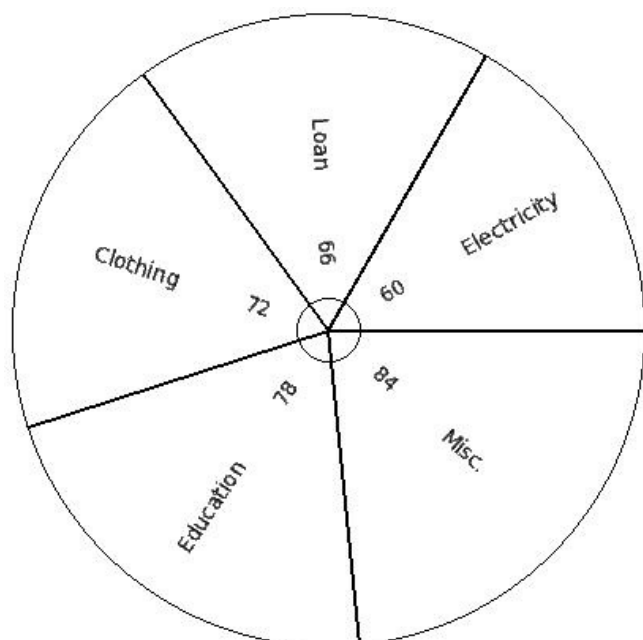
(iv)

Sport	football	hockey	carroms	high jump	tennis	basketball
No. of students	45	180	135	108	54	72

(v)

Sport	football	hockey	carroms	high jump	tennis	basketball
No. of students	135	45	108	54	180	72

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



(i)

Item	Electricity	Loan	Clothing	Education	Misc.
Expenses (in Rs)	2340	2520	1800	2160	1980

(ii)

Item	Electricity	Loan	Clothing	Education	Misc.
Expenses (in Rs)	1980	2520	2340	1800	2160

(iii)

Item	Electricity	Loan	Clothing	Education	Misc.
Expenses (in Rs)	1800	1980	2340	2520	2160

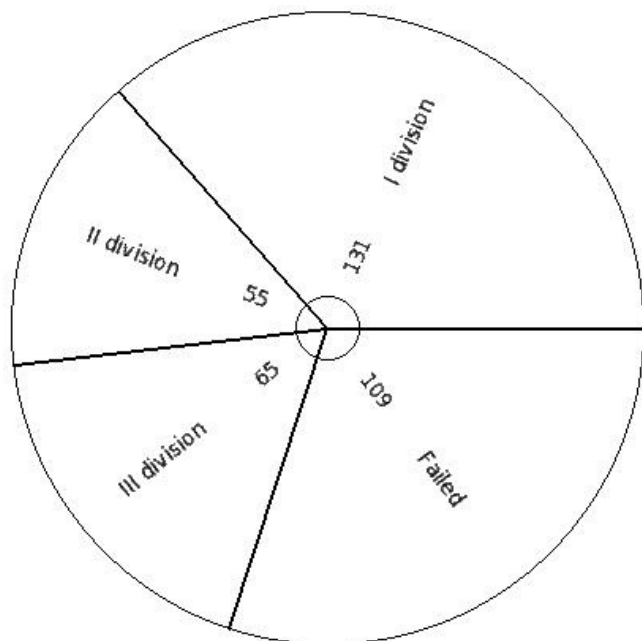
(iv)

Item	Electricity	Loan	Clothing	Education	Misc.
Expenses (in Rs)	1800	1980	2160	2340	2520

(v)

Item	Electricity	Loan	Clothing	Education	Misc.
Expenses (in Rs)	1800	2520	1980	2160	2340

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	108	45	90	54

(ii)

Result	I division	II division	III division	Failed
No. of Students	108	54	45	90

(iii)

Result	I division	II division	III division	Failed
No. of Students	108	90	54	45

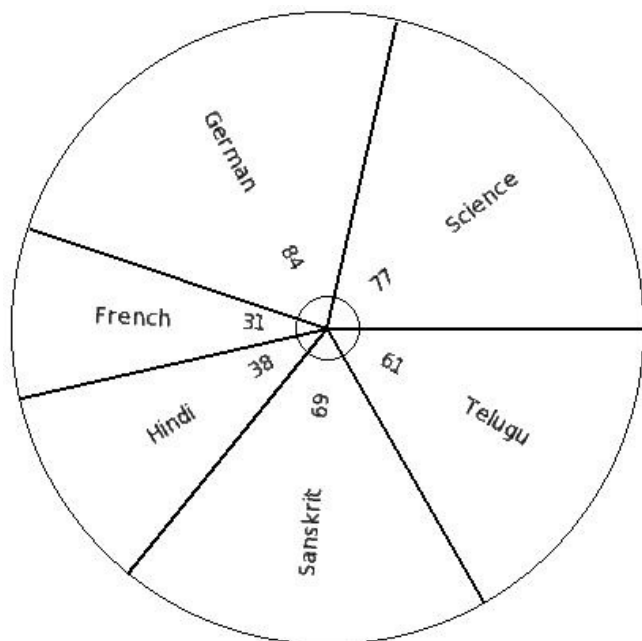
(iv)

Result	I division	II division	III division	Failed
No. of Students	90	45	54	108

(v)

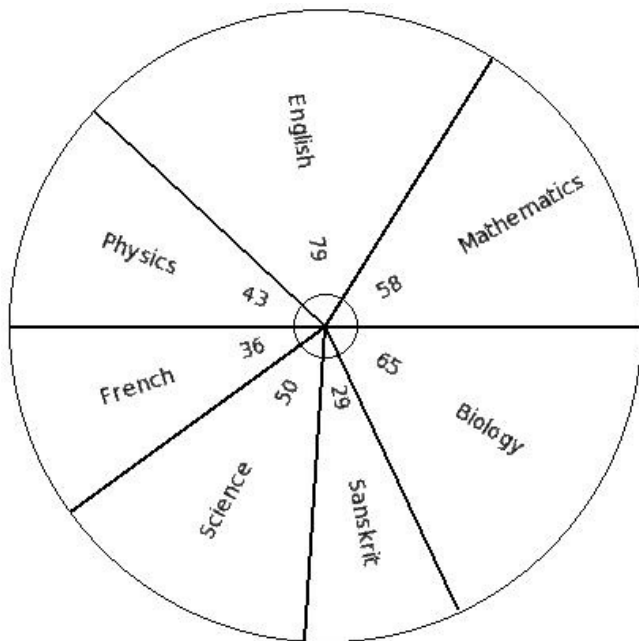
Result	I division	II division	III division	Failed
No. of Students	108	45	54	90

4. The total marks obtained by a student in his annual examination is 423. Find the maximum marks.



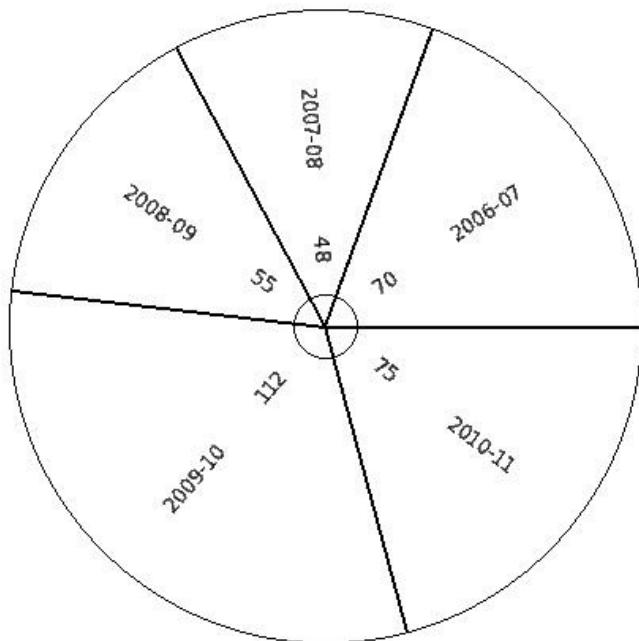
- (i) 100 (ii) 96 (iii) 102 (iv) 98 (v) 99

5. The total marks obtained by a student in his annual examination is 450. Find the minimum marks.



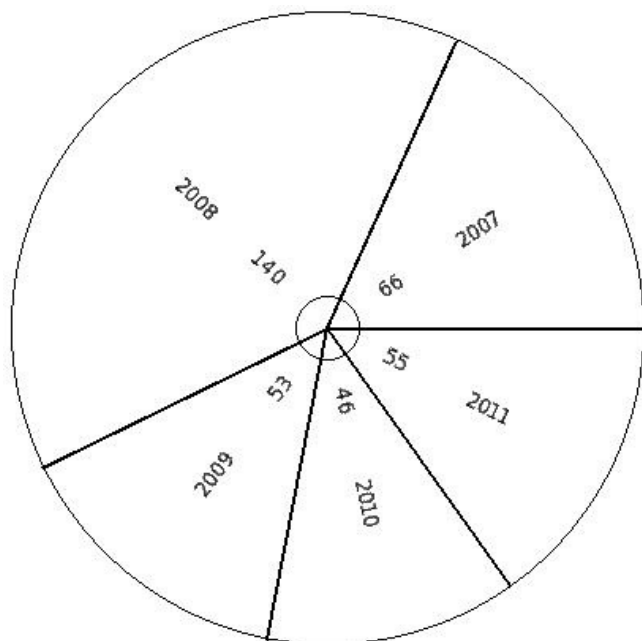
(i) 38 (ii) 36 (iii) 33 (iv) 35 (v) 37

6. The total export earnings of ₹1800 crores of a country during five years is shown below. Find the earnings (in crores) in 2006-07.



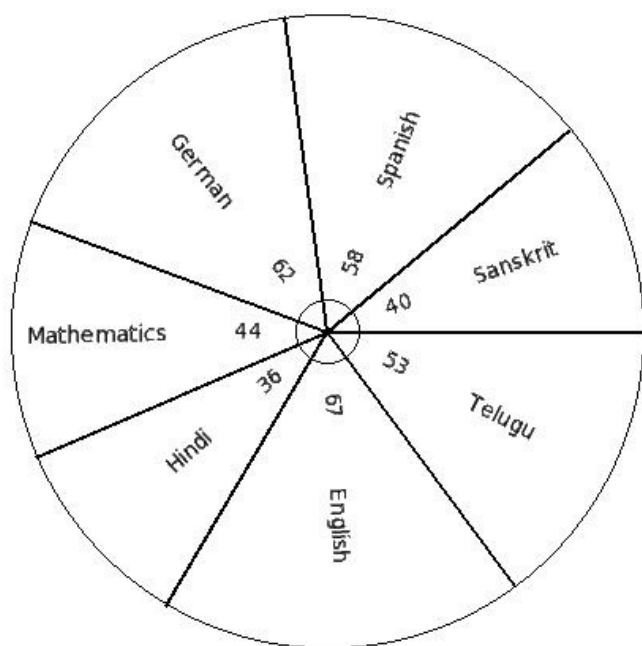
(i) 353 (ii) 348 (iii) 350 (iv) 352 (v) 347

7. Shown below is the total food grain production of 2160 million tonnes over 5 years. Find the production (in million tonnes) in 2011.



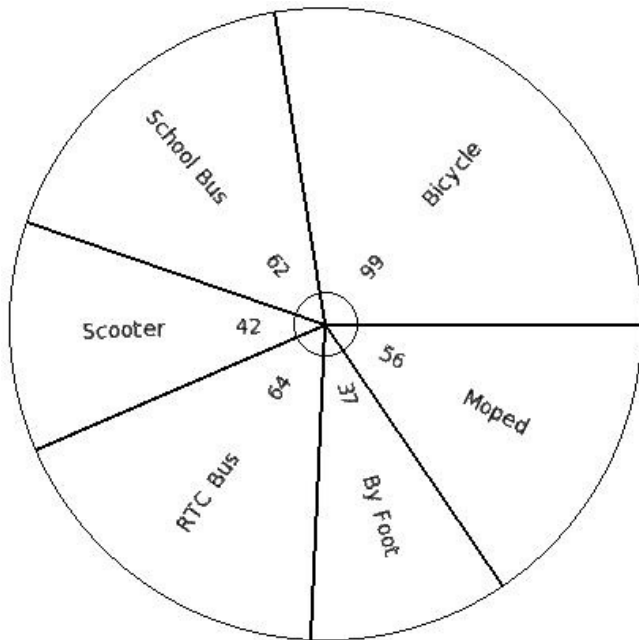
- (i) 333 (ii) 327 (iii) 330 (iv) 332 (v) 328

8. The total marks obtained by Kalyan in his annual exam are 405 as shown below. Find the marks in "English".



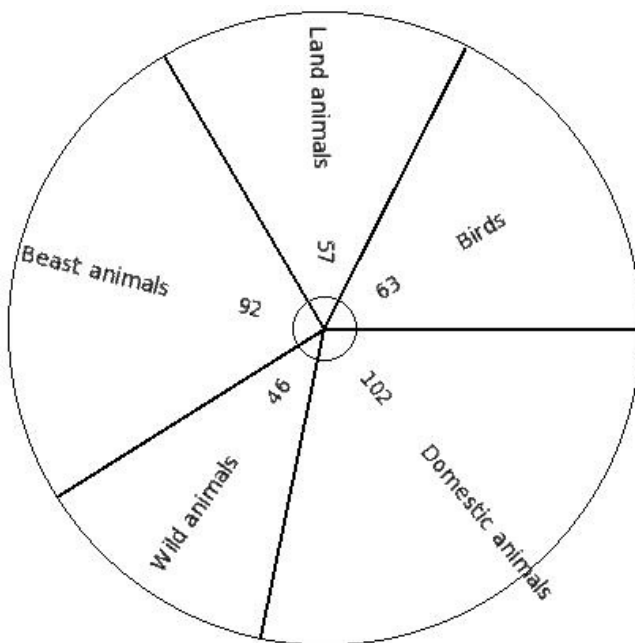
- (i) 73 (ii) 72 (iii) 77 (iv) 78 (v) 75

9. 180 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".



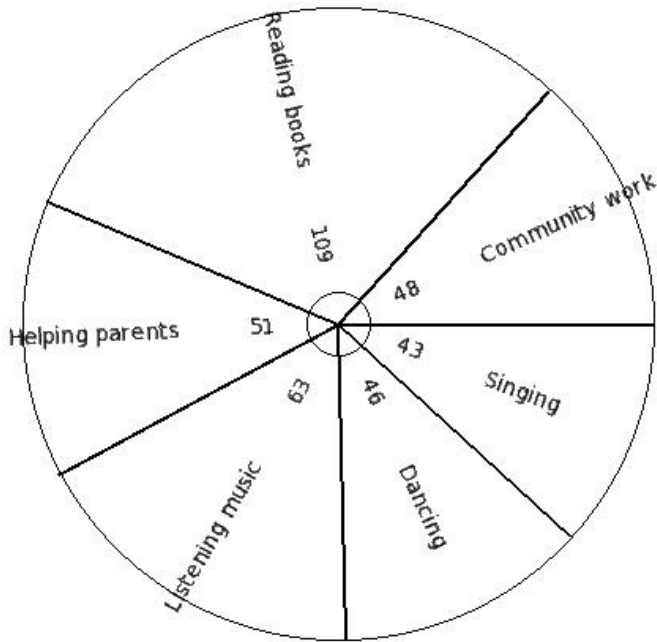
- (i) 22 (ii) 19 (iii) 16 (iv) 21 (v) 17

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



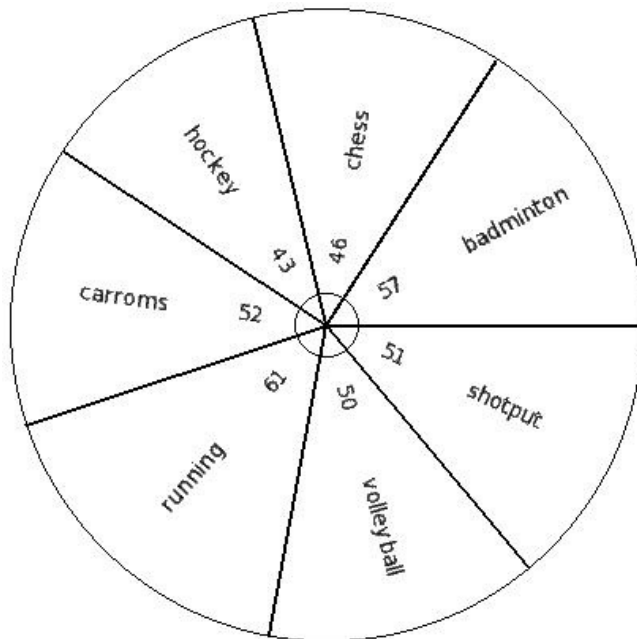
- (i) 318 (ii) 317 (iii) 312 (iv) 313 (v) 315

11. A survey of 360 school students was done to know the preferred free time activity. Find the number of students who prefer "Helping parents".



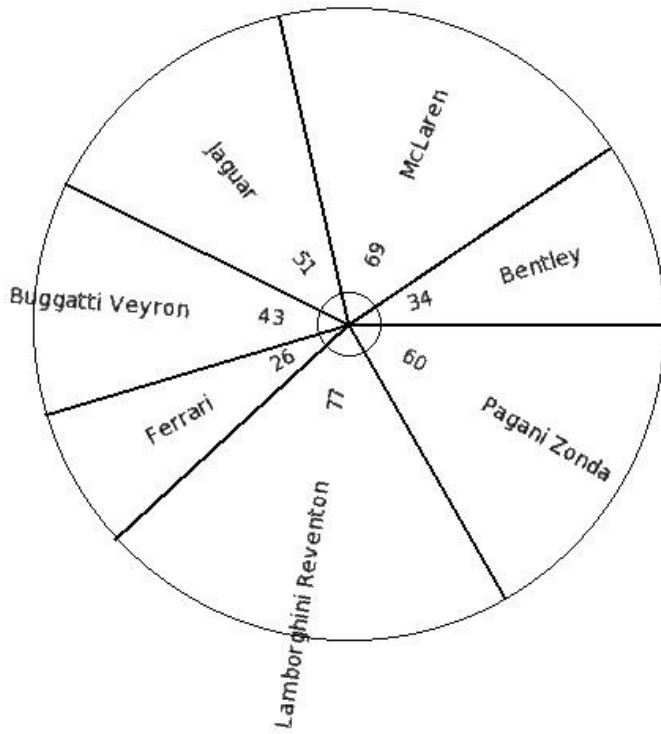
- (i) 53 (ii) 54 (iii) 51 (iv) 48 (v) 49

12. The following pie chart shows 1260 students of a school participating in various games. Find the number of students who participate in "volleyball".



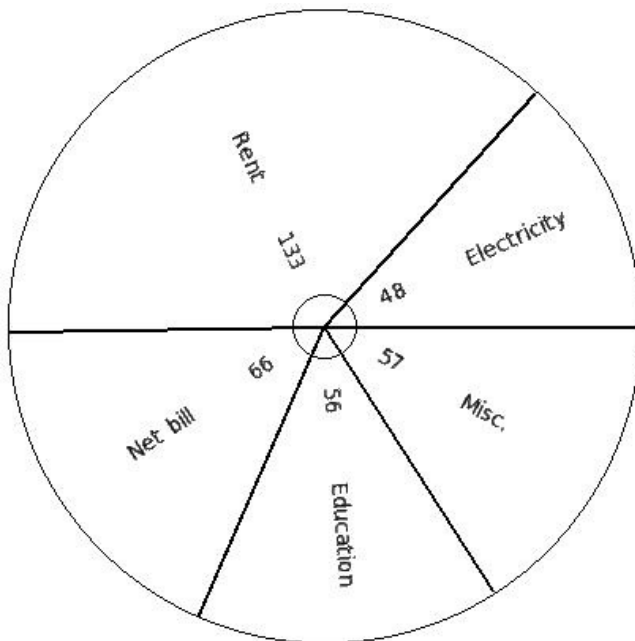
- (i) 175 (ii) 172 (iii) 177 (iv) 178 (v) 173

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



- (i) 59 (ii) 62 (iii) 58 (iv) 60 (v) 61

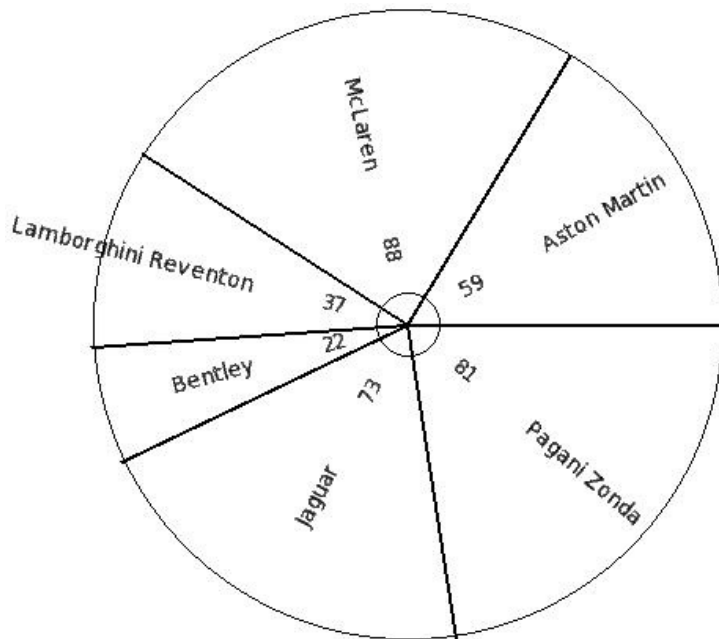
14. The pie diagram given below shows the monthly family expenditure of a person earning ₹16200 per month. How much does he spend on "Rent"?



- (i) ₹5983.00 (ii) ₹5984.00 (iii) ₹5987.00 (iv) ₹5985.00 (v) ₹5986.00

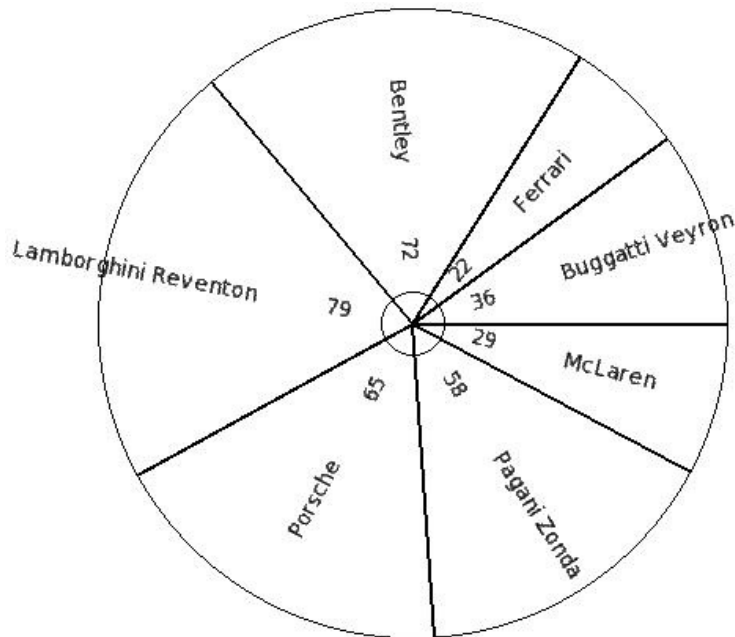


15. The pie chart given below consists of top selling race cars of different brands. Identify the most sold car.



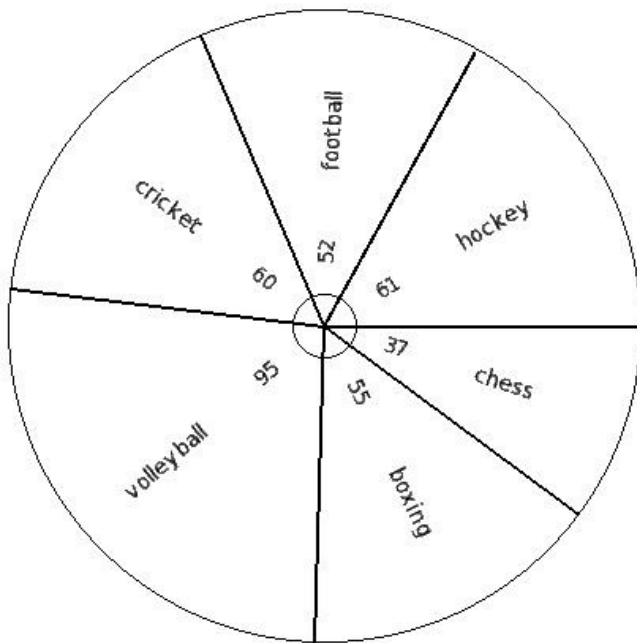
(i) Bentley (ii) Jaguar (iii) McLaren (iv) Aston Martin (v) Pagani Zonda

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



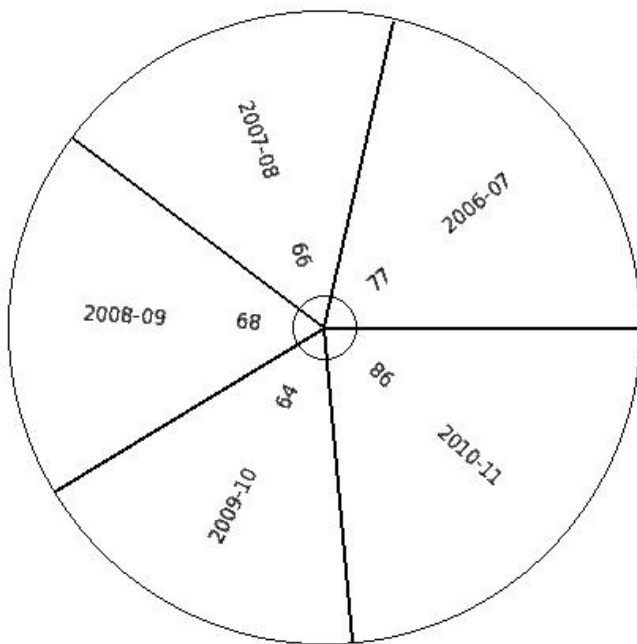
(i) McLaren (ii) Ferrari (iii) Bentley (iv) Pagani Zonda (v) Buggatti Veyron

17. The number of sectors present in the pie chart



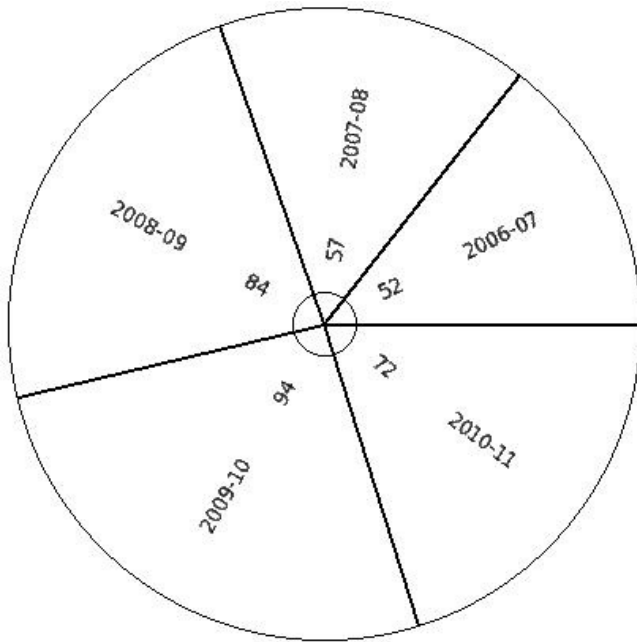
(i) 9 (ii) 5 (iii) 6 (iv) 4 (v) 7

18. The total export earnings of ₹820 thousand crore of a country during five years is shown below. Find the year that has maximum export earnings.



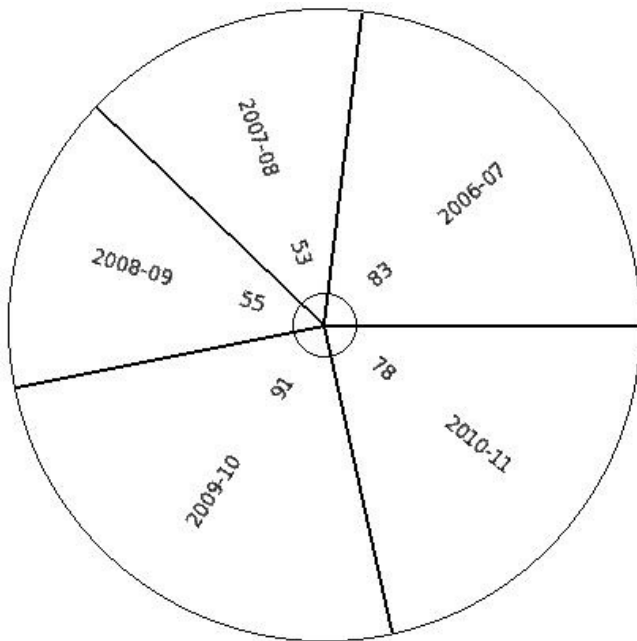
(i) 2009-10 (ii) 2008-09 (iii) 2006-07 (iv) 2007-08 (v) 2010-11

19. The total export earnings of ₹725 thousand crore of a country during five years is shown below. Find the year that has minimum export earnings.



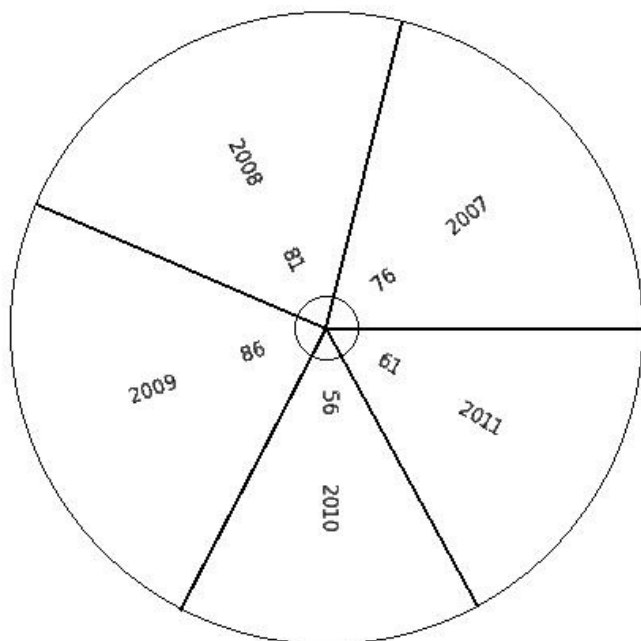
(i) 2006-07 (ii) 2009-10 (iii) 2008-09 (iv) 2010-11 (v) 2007-08

20. The total export earnings of ₹715 thousand crore of a country during five years is shown below. Find the year that has 165 thousand crore export earnings.



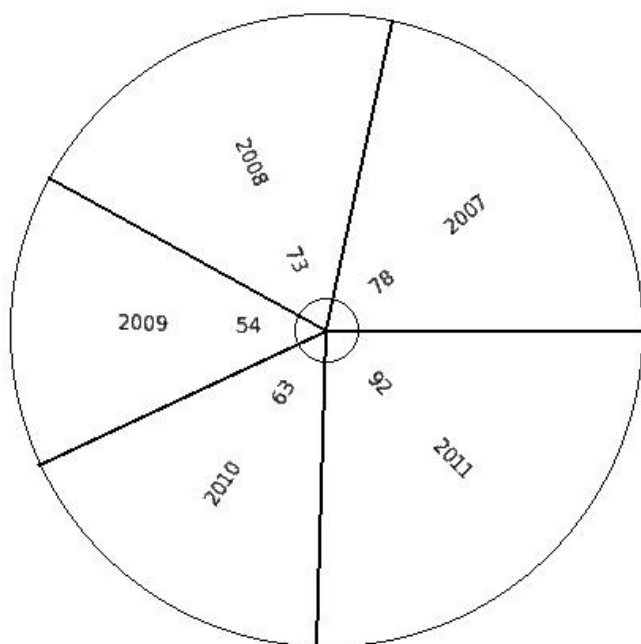
(i) 2007-08 (ii) 2010-11 (iii) 2008-09 (iv) 2006-07 (v) 2009-10

21. Shown below is the total food grain production of 355 million tonnes over 5 years. Find the year that has maximum food grain production.



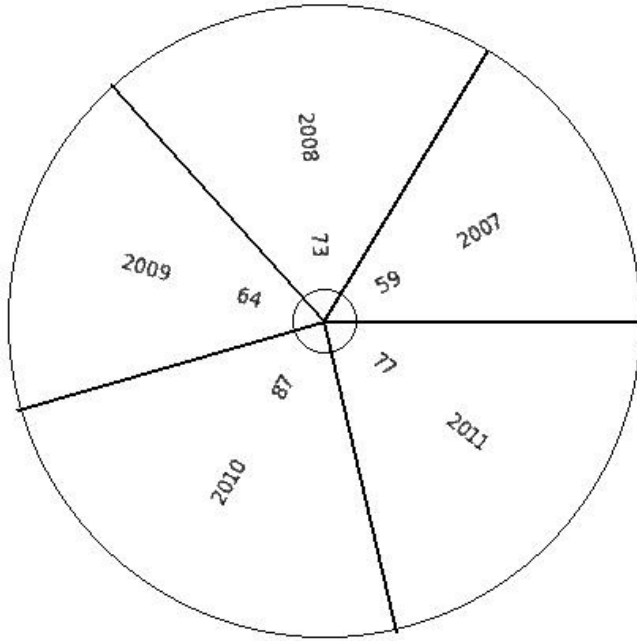
- (i) 2008 (ii) 2009 (iii) 2007 (iv) 2011 (v) 2010

22. Shown below is the total food grain production of 370 million tonnes over 5 years. Find the year that has minimum food grain production.



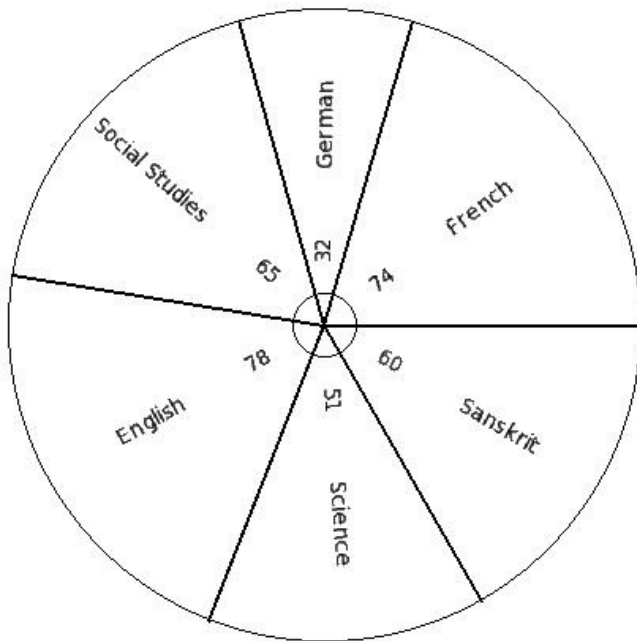
- (i) 2007 (ii) 2009 (iii) 2008 (iv) 2011 (v) 2010

23. Shown below is the total food grain production of 395 million tonnes over 5 years. Find the year that has 85 million tonnes food grain production.



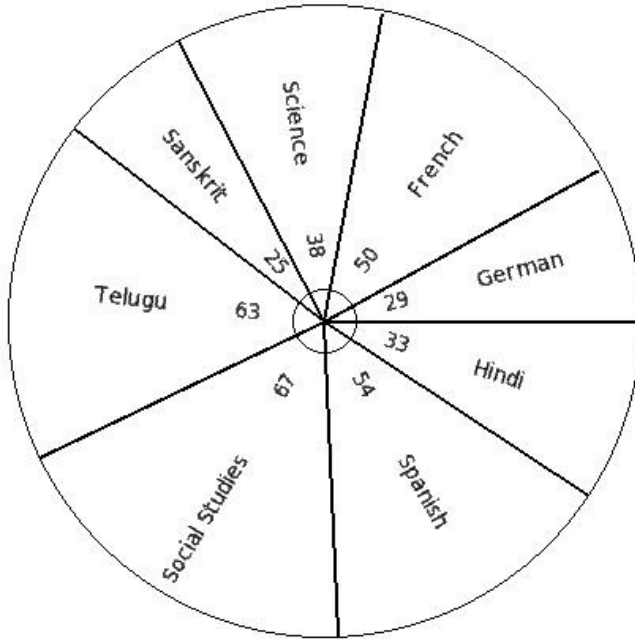
(i) 2009 (ii) 2008 (iii) 2007 (iv) 2010 (v) 2011

24. The total marks obtained by Shyam in his annual exam are 390 as shown below. Find the subject that has maximum score.



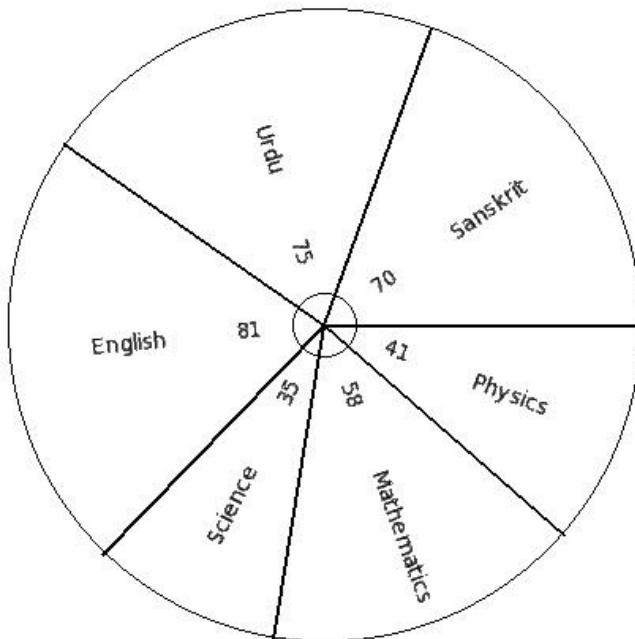
(i) French (ii) Social Studies (iii) English (iv) Science (v) German

25. The total marks obtained by Akbar in his annual exam are 430 as shown below. Find the subject that has minimum score.



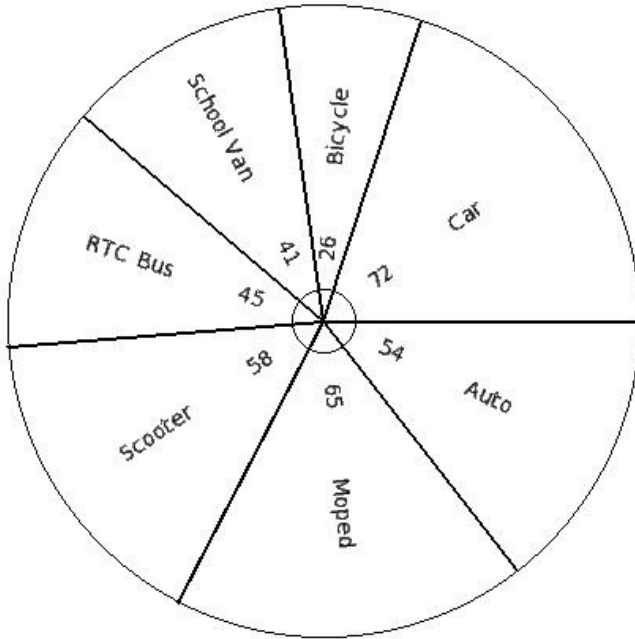
(i) Social Studies (ii) Telugu (iii) Science (iv) Sanskrit (v) French

26. The total marks obtained by Laxman in his annual exam are 310 as shown below. Find the subject that has 50 score.



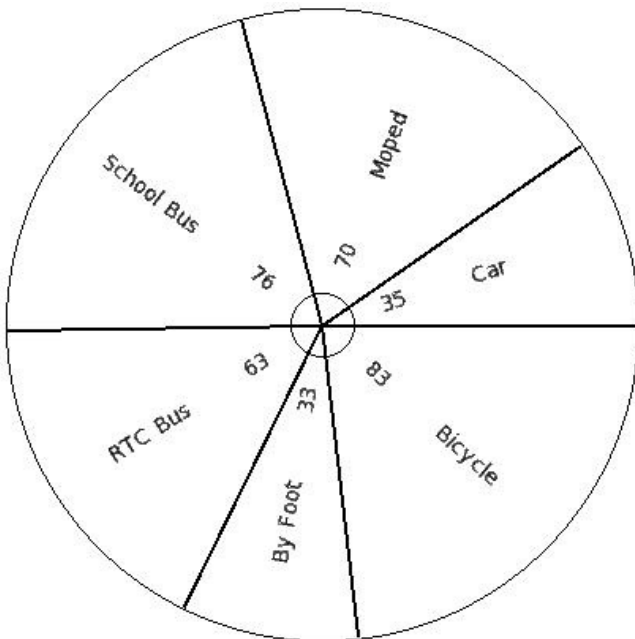
(i) Physics (ii) Science (iii) English (iv) Mathematics (v) Urdu

27. 1940 students of a certain locality use different modes of travel to school as shown below. Find the mode of travel that has maximum students.



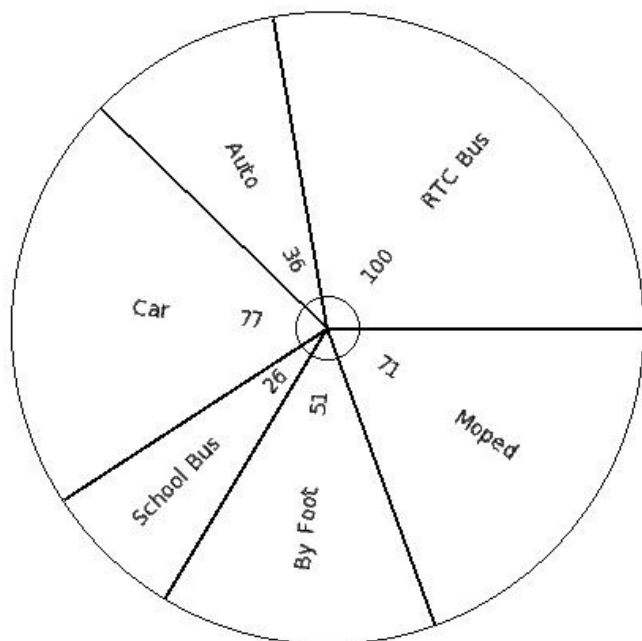
- (i) Auto (ii) RTC Bus (iii) Car (iv) Scooter (v) Bicycle

28. 1430 students of a certain locality use different modes of travel to school as shown below. Find the mode of travel that has minimum students.



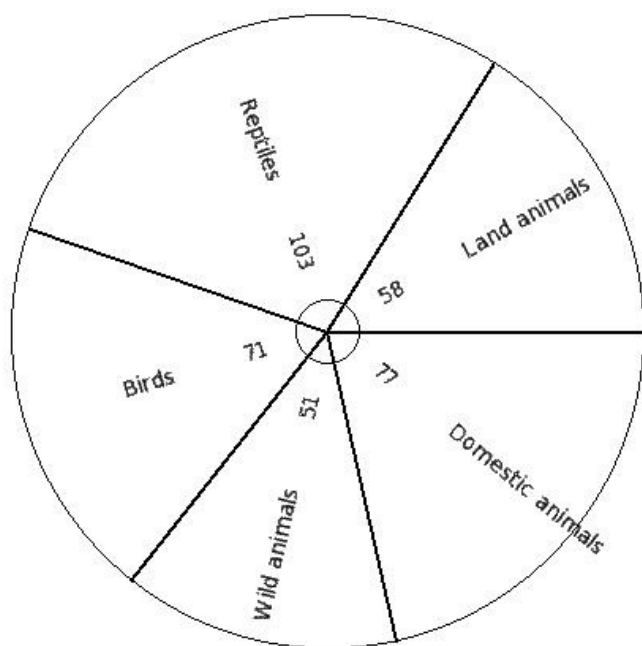
- (i) By Foot (ii) Car (iii) Bicycle (iv) RTC Bus (v) School Bus

29. 1410 students of a certain locality use different modes of travel to school as shown below. Find the mode of travel that has 280 students.



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

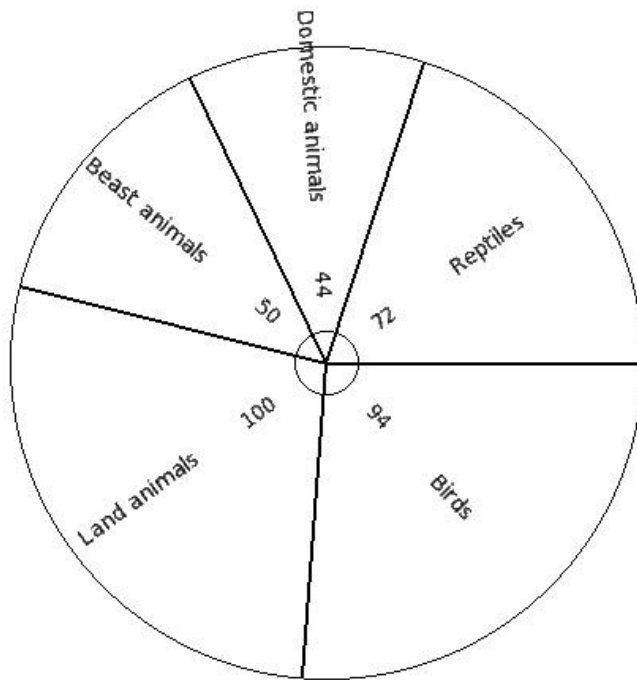
30. There are 560 creatures in a zoo. Find the type of creature that has maximum presence in the zoo.



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

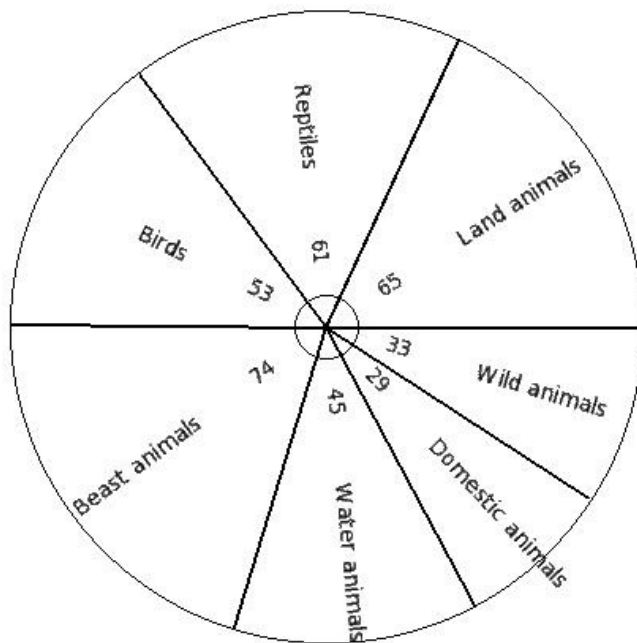


31. There are 650 creatures in a zoo. Find the type of creature that has minimum presence in the zoo.



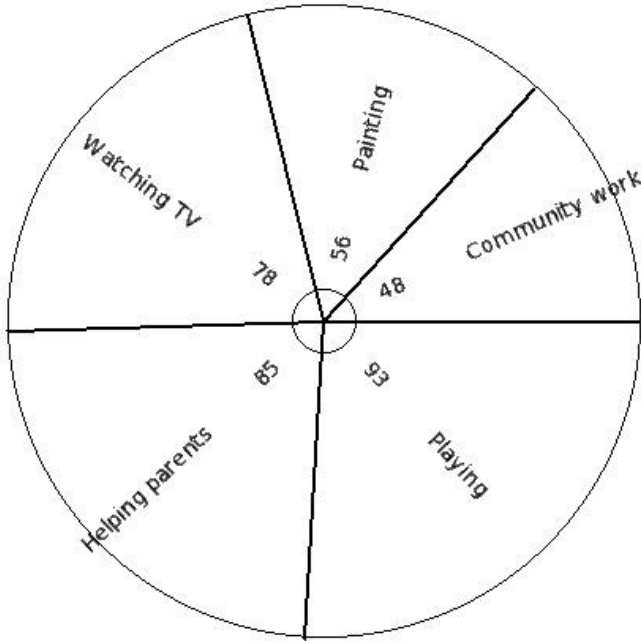
(i) Birds (ii) Land animals (iii) Reptiles (iv) Beast animals (v) Domestic animals

32. There are 880 creatures in a zoo. Find the type of creature that has 70 creatures presence in the zoo.



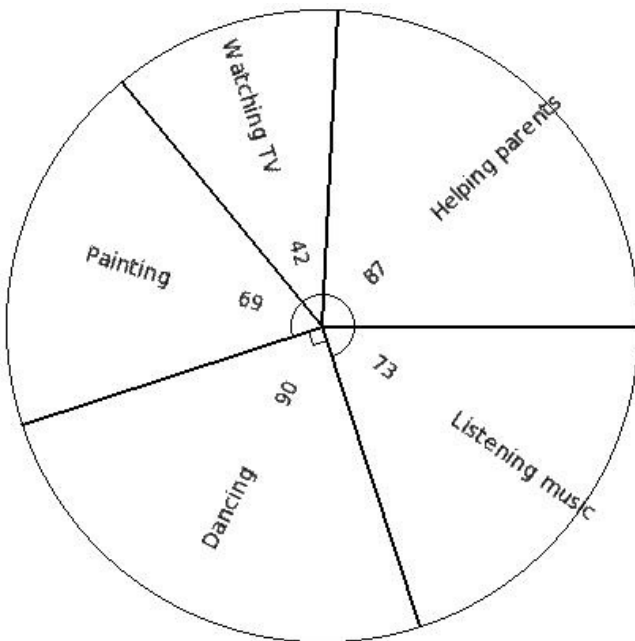
(i) Beast animals (ii) Wild animals (iii) Land animals (iv) Water animals (v) Domestic animals

33. A survey of 970 school students was done to know the preferred free time activity. Find the activity that has maximum preference.



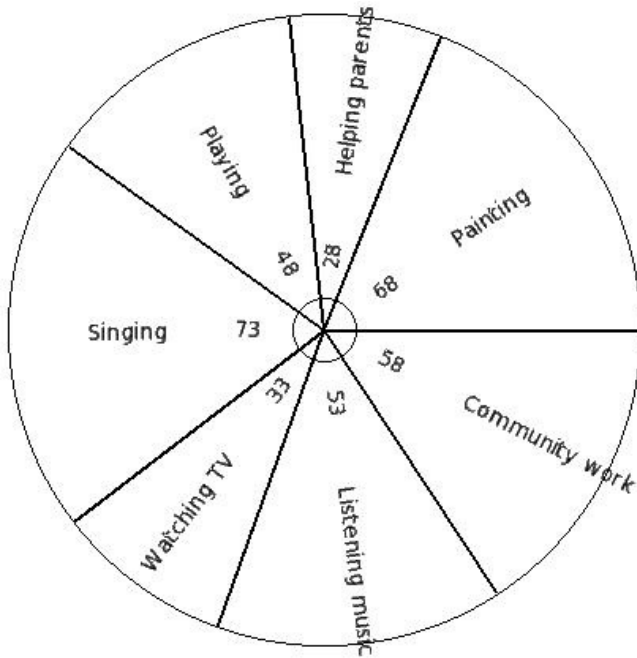
(i) Watching TV (ii) Community work (iii) Playing (iv) Painting (v) Helping parents

34. A survey of 1040 school students was done to know the preferred free time activity. Find the activity that has minimum preference.



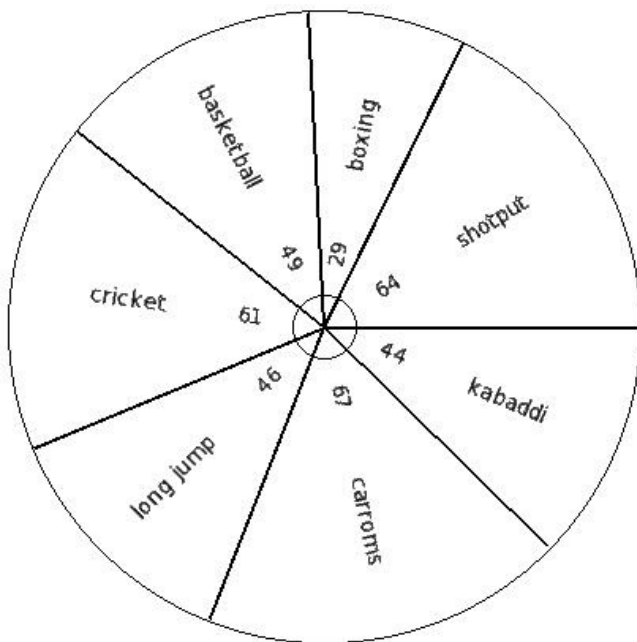
(i) Listening music (ii) Painting (iii) Watching TV (iv) Dancing (v) Helping parents

35. A survey of 1430 school students was done to know the preferred free time activity. Find the activity that has 270 student preference.



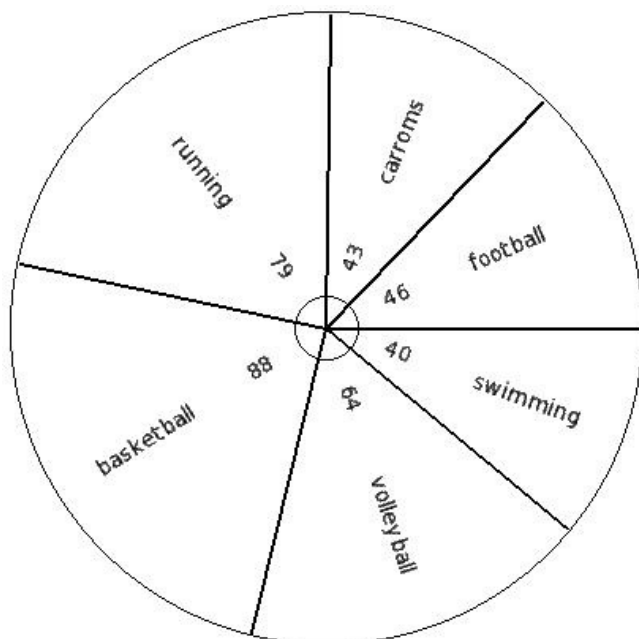
- (i) Listening music (ii) Painting (iii) Community work (iv) Watching TV (v) Helping parents

36. The following pie chart shows 1240 students of a school participating in various games. Find the game that has maximum participation.



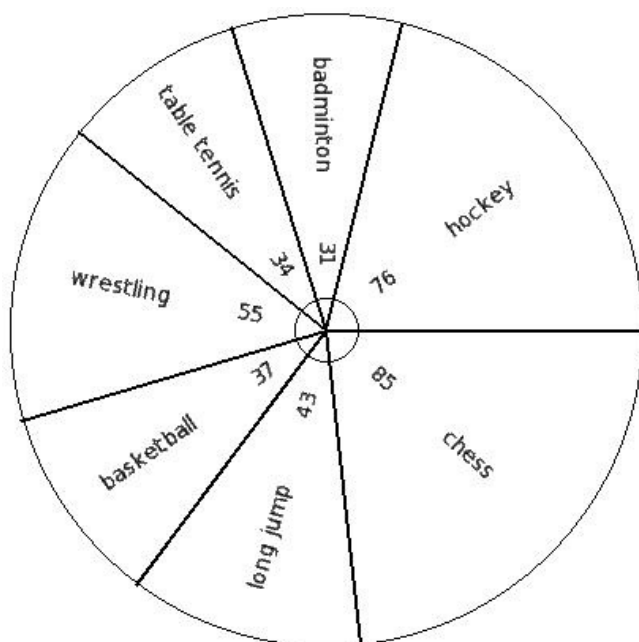
- (i) long jump (ii) carroms (iii) shotput (iv) boxing (v) basketball

37. The following pie chart shows 1180 students of a school participating in various games. Find the game that has minimum participation.



- (i) volleyball (ii) running (iii) basketball (iv) football (v) swimming

38. The following pie chart shows 1180 students of a school participating in various games. Find the game that has 140 student participation.



- (i) chess (ii) badminton (iii) table tennis (iv) wrestling (v) long jump

The following table gives the data regarding the favourite sport of 405 students of a school. Find the pie chart sector angle for "chess"

39.

Sport	running	chess	kabaddi	badminton	hockey	boxing	table tennis
No. of students	72	54	99	45	27	18	90

- (i)  $46.00^\circ$  (ii)  $47.00^\circ$  (iii)  $49.00^\circ$  (iv)  $48.00^\circ$  (v)  $50.00^\circ$

A man earns Rs 1440 per month. His expenditure during a month is as follows. Find the pie chart sector angle for "Misc."

40.

Item	Rent	Food	Dish bill	Misc.	Water	Electricity
Expenses (in rupees)	90	135	180	270	360	405

- (i)  $65.50^\circ$  (ii)  $68.50^\circ$  (iii)  $69.50^\circ$  (iv)  $66.50^\circ$  (v)  $67.50^\circ$

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

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

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

The total export earnings of ₹3600 crores of a country during five years is shown below. Find the pie chart sector angle for "2009-10"

44. 

Years	2006-07	2007-08	2008-09	2009-10	2010-11
Exports(in thousand crore)	450	540	720	900	990

  
(i)  $90.00^\circ$  (ii)  $89.00^\circ$  (iii)  $92.00^\circ$  (iv)  $91.00^\circ$  (v)  $88.00^\circ$

Shown below is the total food grain production of 4860 million tonnes over 5 years. Find the pie chart sector angle for "2011"

45. 

Years	2007	2008	2009	2010	2011
Foodgrains (in million tonnes)	270	900	1080	1260	1350

  
(i)  $98.00^\circ$  (ii)  $100.00^\circ$  (iii)  $101.00^\circ$  (iv)  $102.00^\circ$  (v)  $99.00^\circ$

The total marks obtained by Arun in his annual exam are 315 as shown below. Find the pie chart sector angle for "Physics"

46. 

Subject	Physics	Mathematics	Sanskrit	Science	Biology	Urdu
Marks obtained	35	75	55	80	30	40

  
(i)  $39.00^\circ$  (ii)  $42.00^\circ$  (iii)  $41.00^\circ$  (iv)  $40.00^\circ$  (v)  $38.00^\circ$

1692 students of a certain locality use different modes of travel to school as shown below. Find the pie chart sector angle for "RTC Bus"

47. 

Mode of travel	Scooter	Bicycle	School Van	Car	By Foot	RTC Bus	School Bus
No. of students	108	144	198	270	306	324	342

  
(i)  $69.94^\circ$  (ii)  $67.94^\circ$  (iii)  $68.94^\circ$  (iv)  $66.94^\circ$  (v)  $70.94^\circ$

There are 4140 creatures in a zoo as shown below. Find the pie chart sector angle for "Land animals"

48. 

Type of creatures	Wild animals	Land animals	Water animals	Birds	Reptiles
No. of creatures	270	630	810	1170	1260

  
(i)  $53.78^\circ$  (ii)  $52.78^\circ$  (iii)  $56.78^\circ$  (iv)  $55.78^\circ$  (v)  $54.78^\circ$

The table below shows the preferred free time activity of 1062 school students. Find the pie chart sector angle for "Listening music"

49. 

Activity	Listening music	Painting	Community work	Helping parents	Watching TV	Dancing	Playing
No. of students	36	54	126	162	198	216	270

  
(i)  $12.20^\circ$  (ii)  $10.20^\circ$  (iii)  $14.20^\circ$  (iv)  $13.20^\circ$  (v)  $11.20^\circ$

The following table shows 450 students of a school participating in various games. Find the pie chart sector angle for "shotput"

50. 

Games	running	chess	shotput	hockey	carroms
No. of students	36	54	72	126	162

  
(i)  $58.60^\circ$  (ii)  $57.60^\circ$  (iii)  $55.60^\circ$  (iv)  $59.60^\circ$  (v)  $56.60^\circ$

## Assignment Key

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