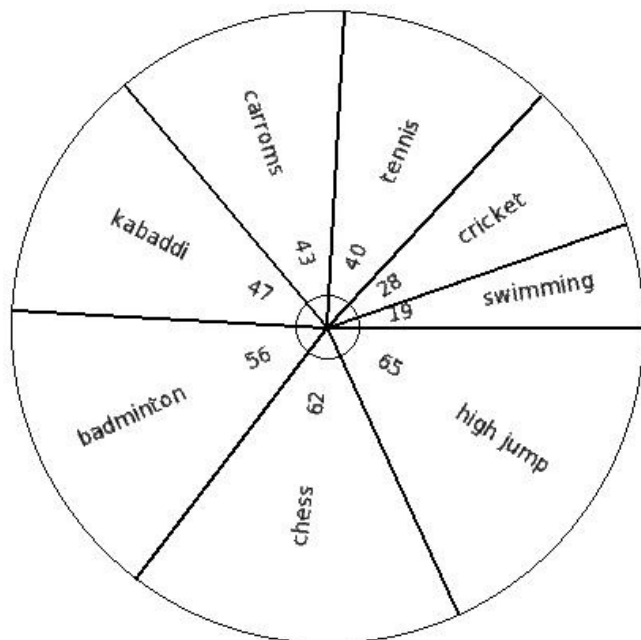1. The following pie chart gives the data regarding the favourite sport of 1044 students of a school. Identify the table for the given pie diagram.

(i)

Sport	swimming	cricket	tennis	carroms	kabaddi	badminton	chess	high jump
No. of students	81	162	126	54	117	189	180	135

(ii)

Sport	swimming	cricket	tennis	carroms	kabaddi	badminton	chess	high jump
No. of students	189	117	81	126	180	135	54	162

(iii)

Sport	swimming	cricket	tennis	carroms	kabaddi	badminton	chess	high jump
No. of students	117	162	135	81	180	189	126	54

(iv)

Sport	swimming	cricket	tennis	carroms	kabaddi	badminton	chess	high jump
No. of students	54	81	117	126	135	162	180	189

(v)

Sport	swimming	cricket	tennis	carroms	kabaddi	badminton	chess	high jump
No. of students	81	54	189	162	117	180	135	126

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

(i)
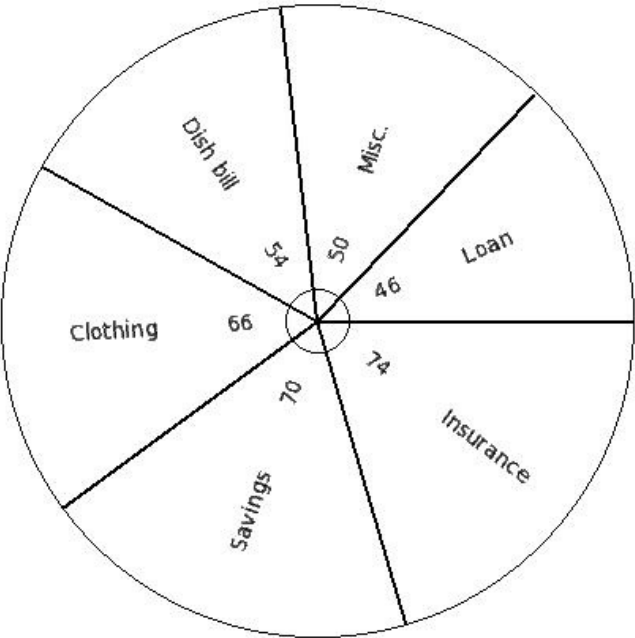
Item	Loan	Misc.	Dish bill	Clothing	Savings	Insurance
Expenses (in Rs)	2160	2340	2520	3060	3240	3420

(ii)

Item	Loan	Misc.	Dish bill	Clothing	Savings	Insurance
Expenses (in Rs)	3240	3420	2340	2160	3060	2520

(iii)

Item	Loan	Misc.	Dish bill	Clothing	Savings	Insurance
Expenses (in Rs)	3420	3240	2340	2160	3060	2520

(iv)

Item	Loan	Misc.	Dish bill	Clothing	Savings	Insurance
Expenses (in Rs)	3060	2340	2520	2160	3420	3240

(v)

Item	Loan	Misc.	Dish bill	Clothing	Savings	Insurance
Expenses (in Rs)	2340	3060	2520	3240	2160	3420

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

(i)
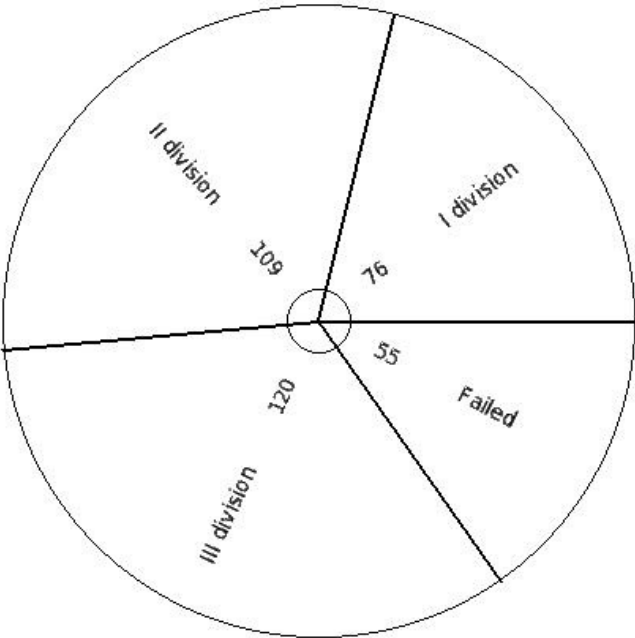
Result	I division	II division	III division	Failed
No. of Students	90	99	63	45

(ii)

Result	I division	II division	III division	Failed
No. of Students	99	63	45	90

(iii)

Result	I division	II division	III division	Failed
No. of Students	45	90	99	63

(iv)

Result	I division	II division	III division	Failed
No. of Students	63	90	99	45

(v)

Result	I division	II division	III division	Failed
No. of Students	63	90	45	99

4. The following table gives the data regarding the favourite sport of 279 students of a school. Find the pie chart sector angle for "basketball"

Sport	badminton	long jump	basketball	tennis	football	hockey
No. of students	36	90	27	18	63	45

(i) 36.84° (ii) 34.84° (iii) 32.84° (iv) 33.84° (v) 35.84°

5. A man earns Rs 3465 per month. His expenditure during a month is as follows. Find the pie chart sector angle for "Loan"

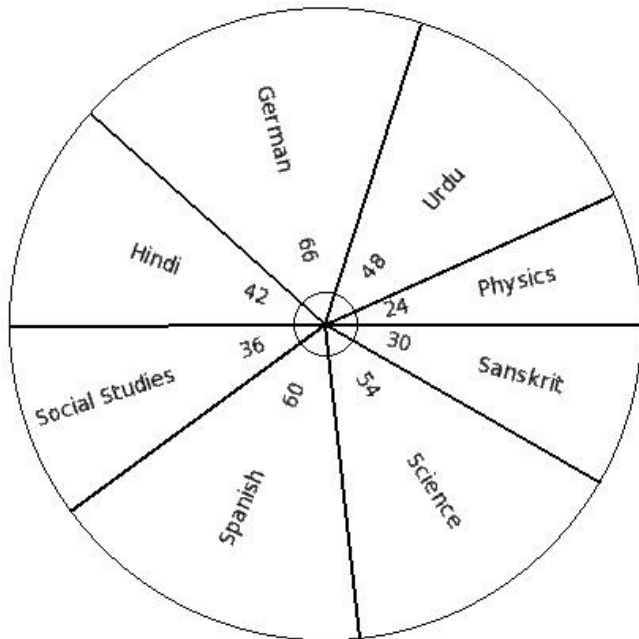| Item	Rent	Dish bill	Loan	Electricity	Food	Net bill	Clothing
Expenses (in rupees)	180	450	495	630	675	945	90

(i) 50.43° (ii) 49.43° (iii) 52.43° (iv) 51.43° (v) 53.43°

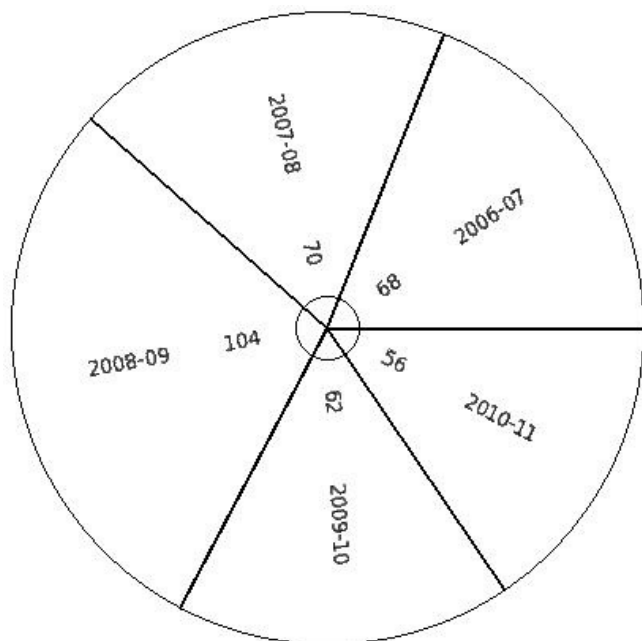6. The total marks obtained by a student in his annual examination is 387. Find the maximum marks.
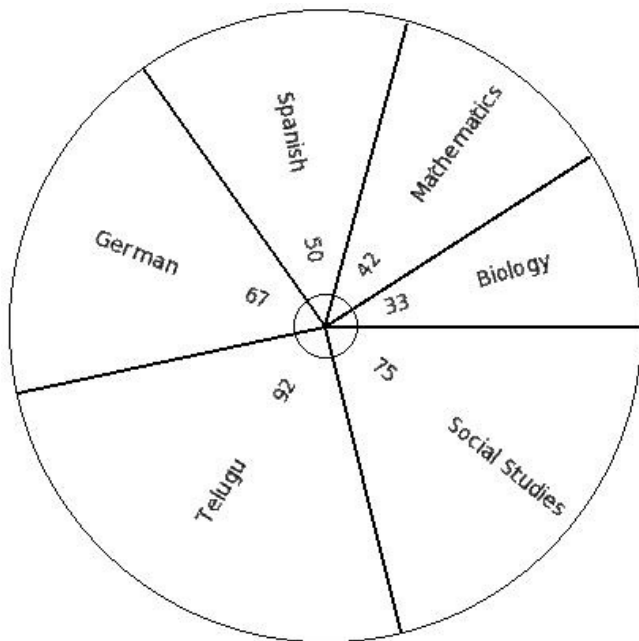
(i) 96 (ii) 101 (iii) 99 (iv) 100 (v) 98

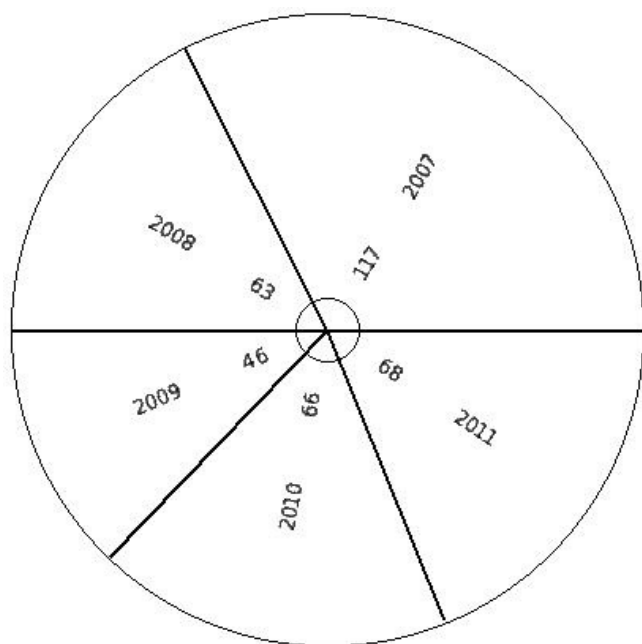7. The total marks obtained by a student in his annual examination is 540. Find the minimum marks.

(i) 33 (ii) 37 (iii) 35 (iv) 36 (v) 39

8. The total export earnings of ₹3600 crores of a country during five years is shown below. Find the earnings (in crores) in 2008-09.
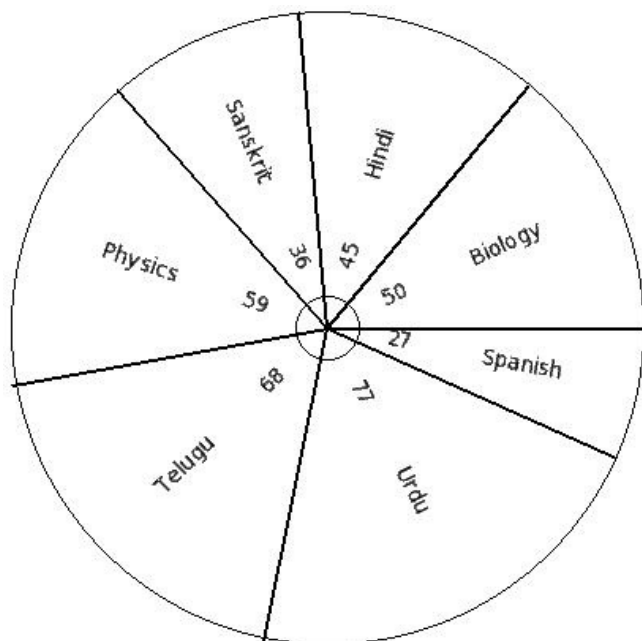

(i) 1042 (ii) 1037 (iii) 1038 (iv) 1040 (v) 1043

9. Shown below is the total food grain production of 2520 million tonnes over 5 years. Find the production (in million tonnes) in 2008.
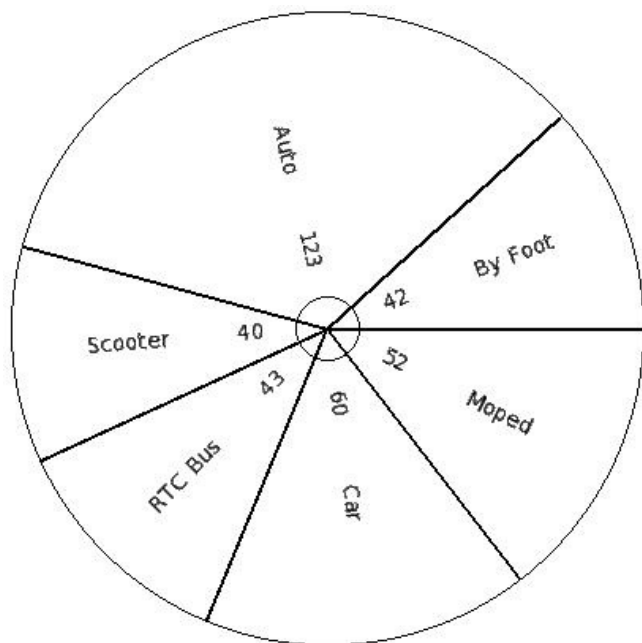

(i) 441 (ii) 438 (iii) 439 (iv) 443 (v) 444

10. The total marks obtained by Srikanth in his annual exam are 400 as shown below. Find the marks in "Biology".
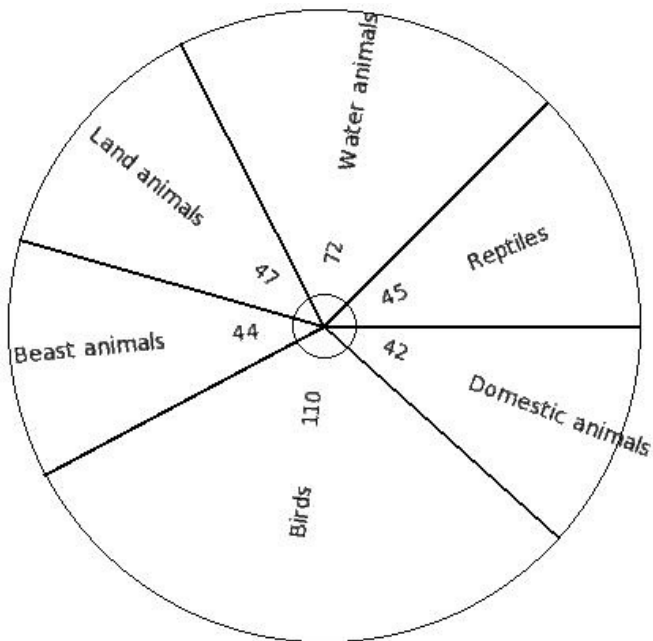

(i) 58 (ii) 53 (iii) 52 (iv) 57 (v) 55

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11. 1440 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 "Car".
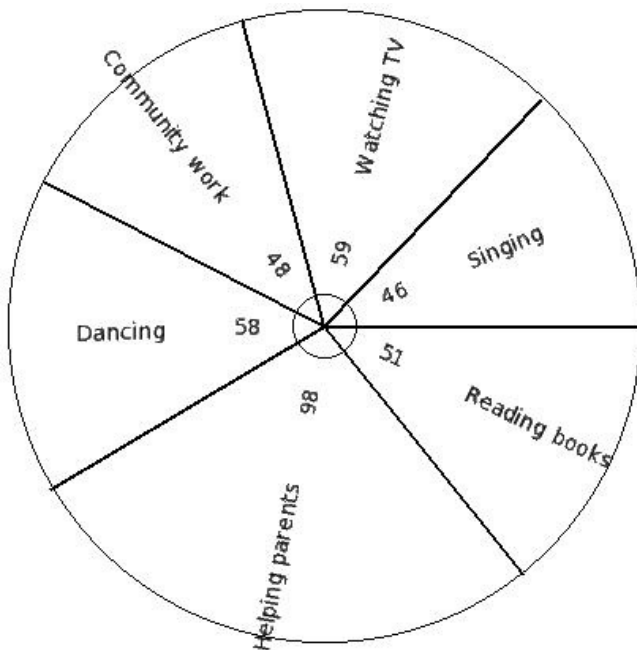

(i) 240 (ii) 242 (iii) 238 (iv) 243 (v) 237

12. There are 3240 creatures in a zoo. Find the count of "Water animals".

(i) 648 (ii) 646 (iii) 650 (iv) 645 (v) 651

13. A survey of 1620 school students was done to know the preferred free time activity. Find the number of students who prefer "Dancing".
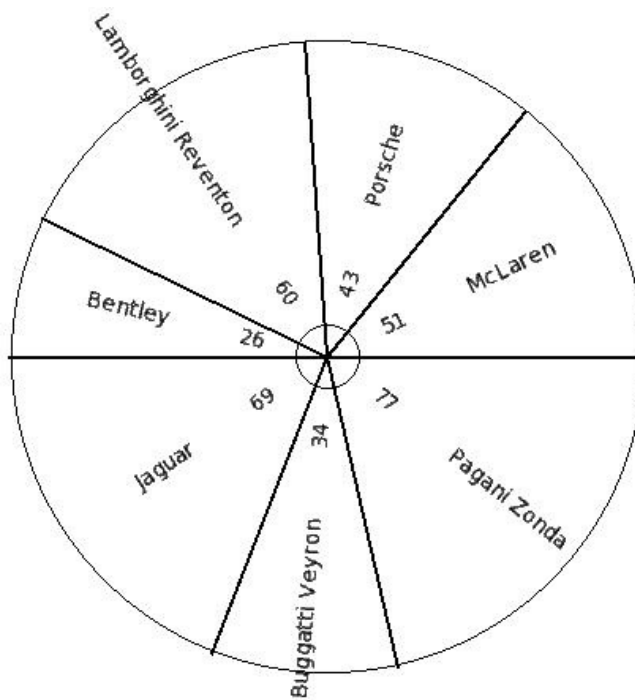

(i) 264 (ii) 261 (iii) 259 (iv) 258 (v) 263

14. The following pie chart shows 180 students of a school participating in various games. Find the number of students who participate in "basketball".
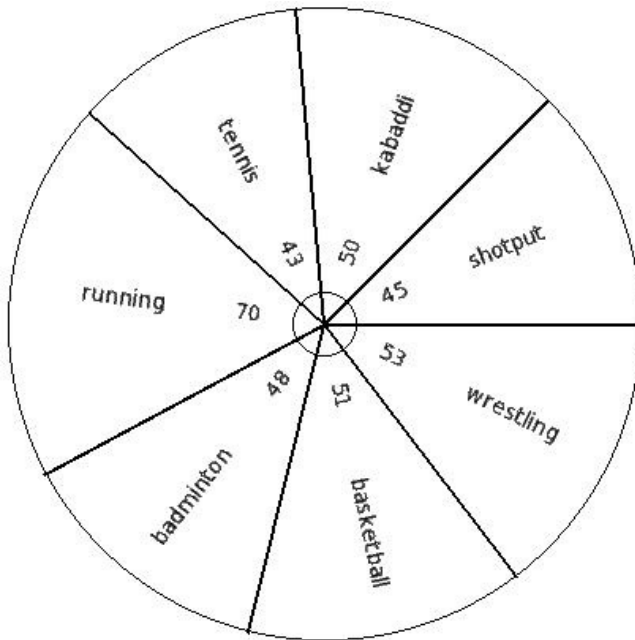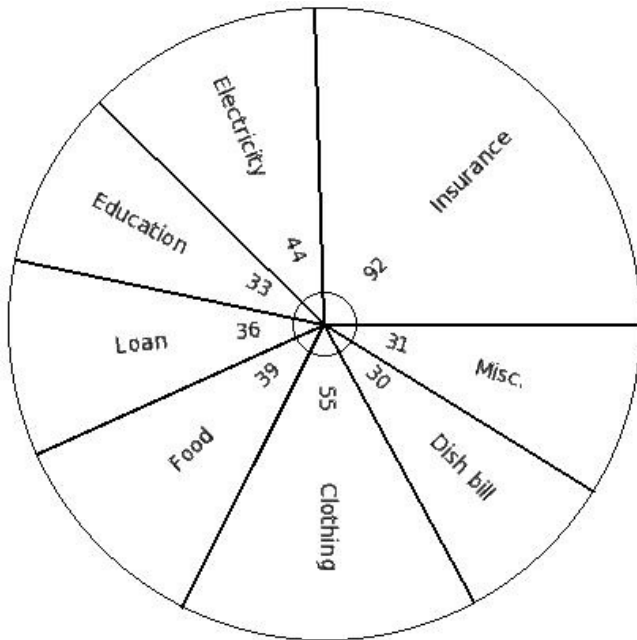

(i) 28 (ii) 26 (iii) 23 (iv) 24 (v) 29

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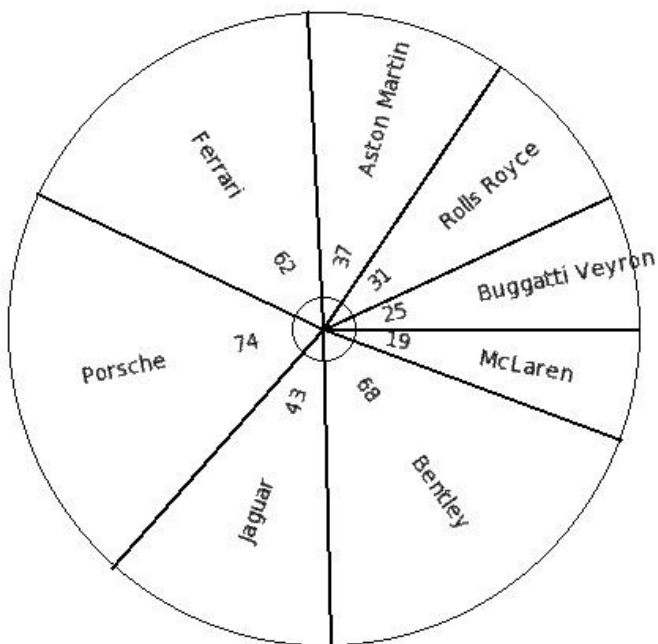

(i) 35 (ii) 32 (iii) 33 (iv) 34 (v) 36

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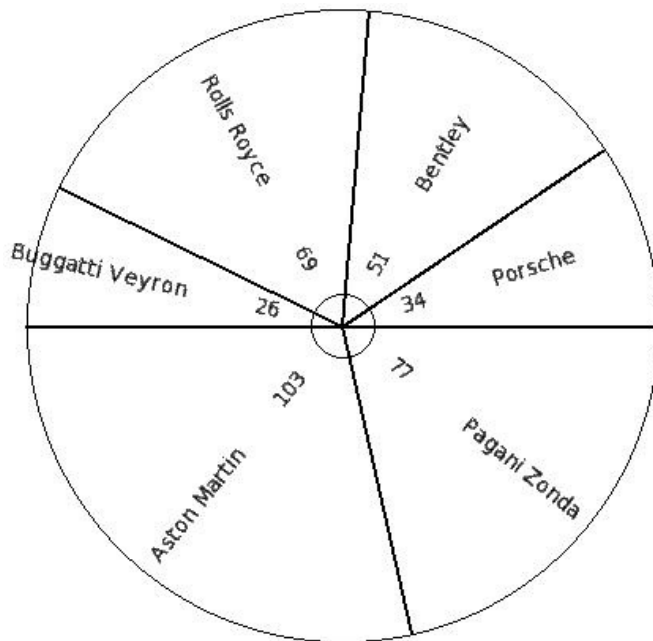

(i) ₹2585.00 (ii) ₹2584.00 (iii) ₹2583.00 (iv) ₹2587.00 (v) ₹2586.00

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

(i) Rolls Royce (ii) Bentley (iii) McLaren (iv) Aston Martin (v) Porsche

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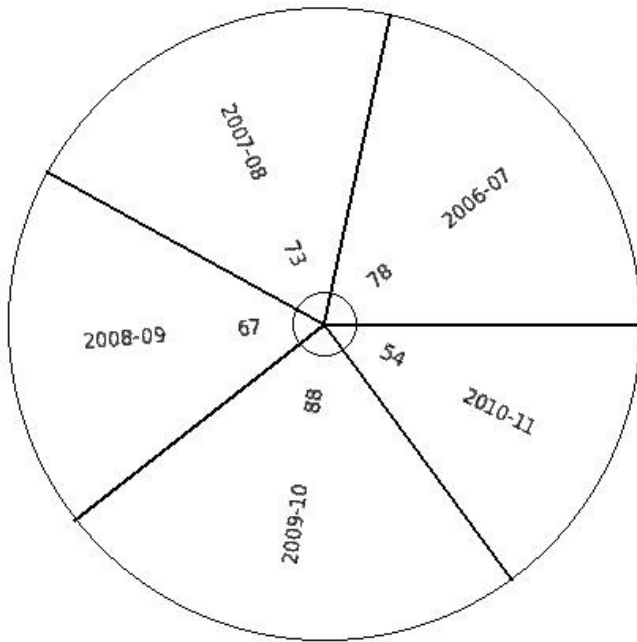

(i) Buggatti Veyron (ii) Rolls Royce (iii) Porsche (iv) Pagani Zonda (v) Aston Martin

19. The number of sectors present in the pie chart
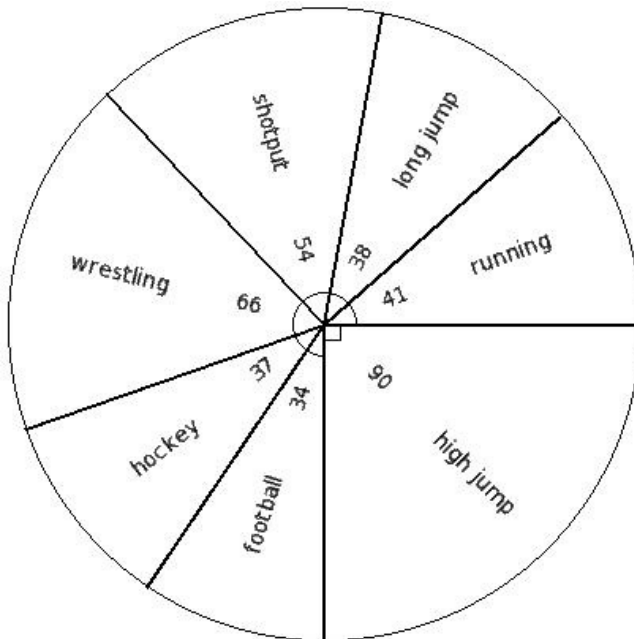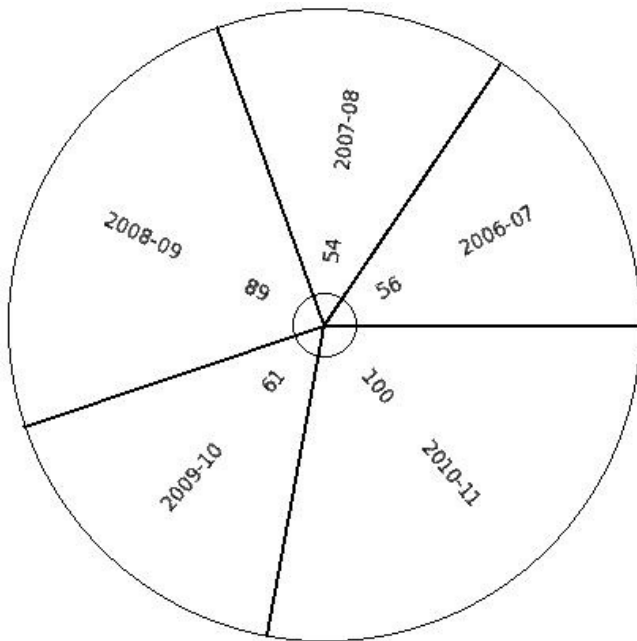

(i) 7 (ii) 6 (iii) 5 (iv) 8 (v) 9

20. 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.
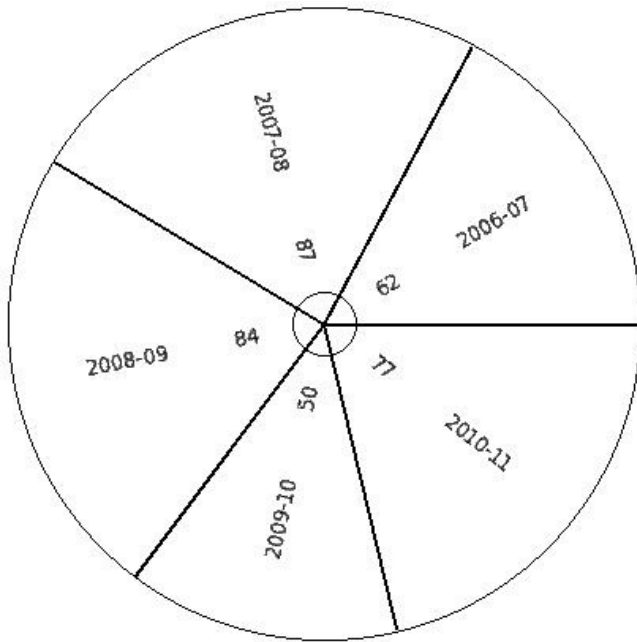

(i) 2006-07 (ii) 2010-11 (iii) 2009-10 (iv) 2008-09 (v) 2007-08

21. The total export earnings of ₹705 thousand crore of a country during five years is shown below. Find the year that has minimum export earnings.


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

22. The total export earnings of ₹790 thousand crore of a country during five years is shown below. Find the year that has 185 thousand crore export earnings.
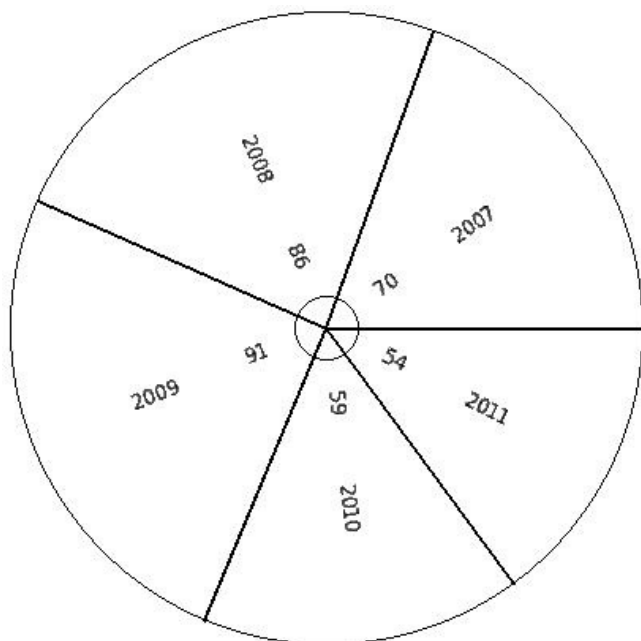

(i) 2007-08 (ii) 2009-10 (iii) 2006-07 (iv) 2010-11 (v) 2008-09

23. Shown below is the total food grain production of 405 million tonnes over 5 years. Find the year that has maximum food grain production.
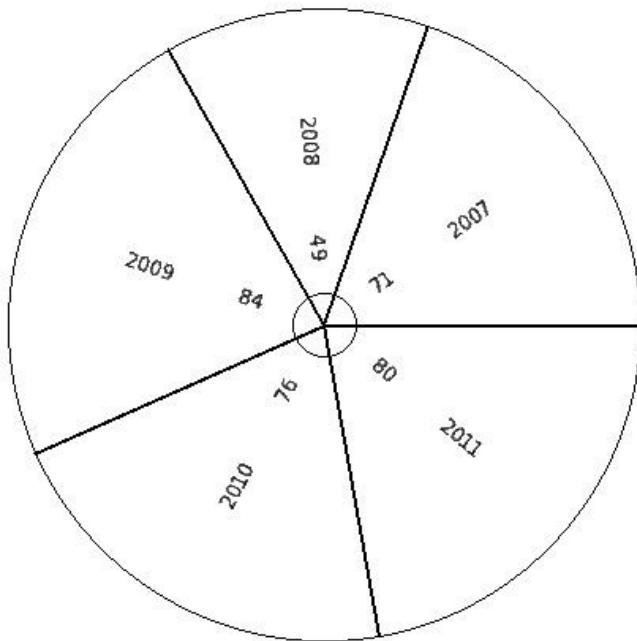

(i) 2008 (ii) 2009 (iii) 2010 (iv) 2011 (v) 2007

24. Shown below is the total food grain production of 335 million tonnes over 5 years. Find the year that has minimum food grain production.

2008
86
70
2007
91
54
2009
59
2011
2010

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

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25. Shown below is the total food grain production of 350 million tonnes over 5 years. Find the year that has 70 million tonnes food grain production.

2008
72
2007
62
2009
77
82
67
2011
2010
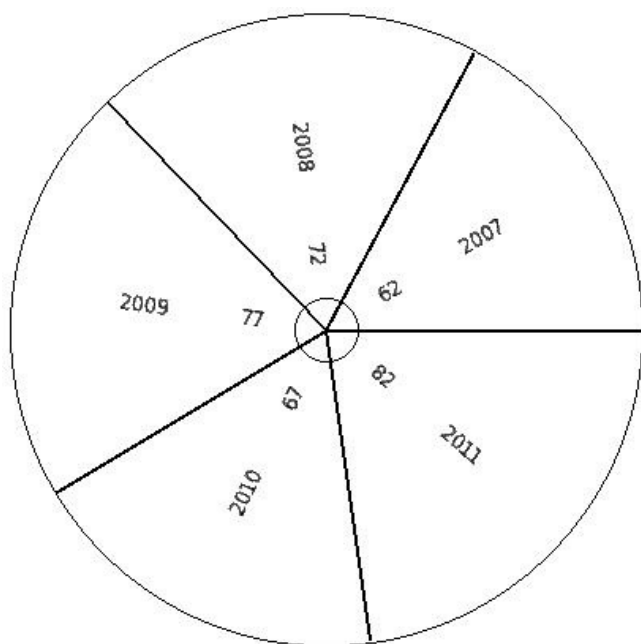
(i) 2010 (ii) 2011 (iii) 2009 (iv) 2007 (v) 2008
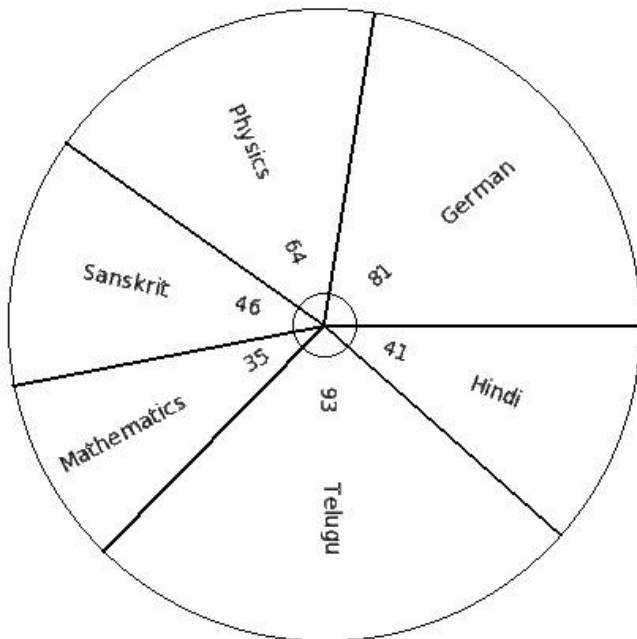
26. The total marks obtained by Varun in his annual exam are 360 as shown below. Find the subject that has maximum score.
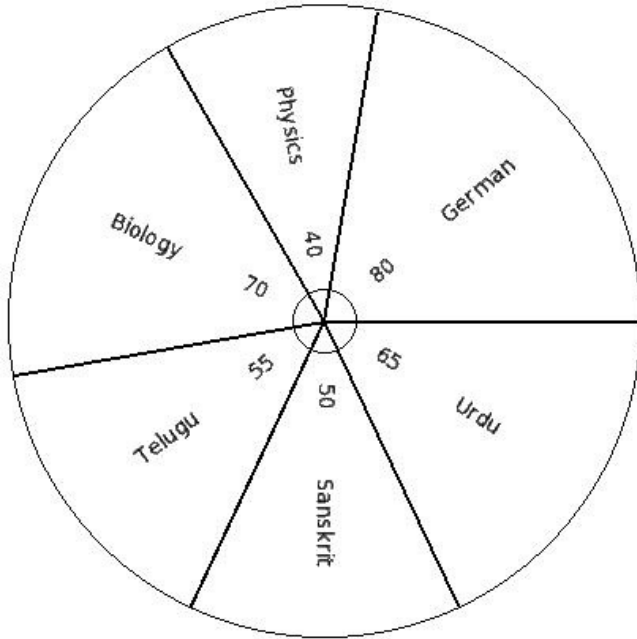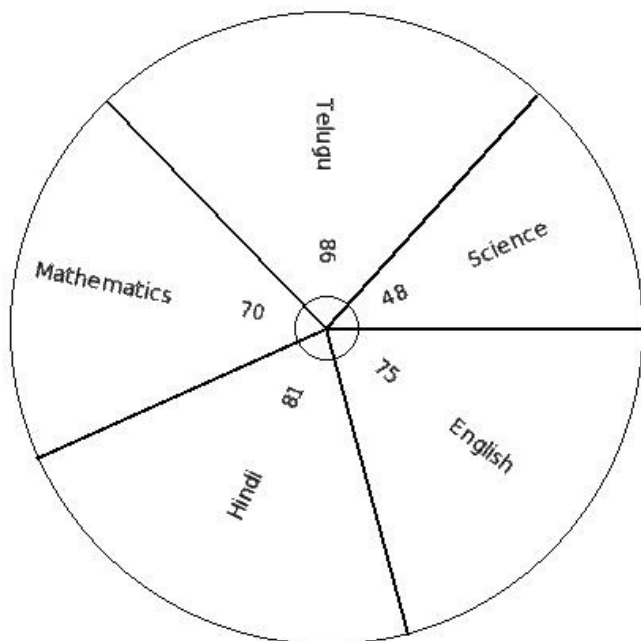

(i) Telugu (ii) Biology (iii) Physics (iv) German (v) Urdu

27. The total marks obtained by Satish in his annual exam are 310 as shown below. Find the subject that has minimum score.

(i) Telugu (ii) Mathematics (iii) Hindi (iv) Physics (v) Sanskrit

28. The total marks obtained by Salman in his annual exam are 335 as shown below. Find the subject that has 75 score.

(i) Hindi (ii) Mathematics (iii) Telugu (iv) Science (v) English
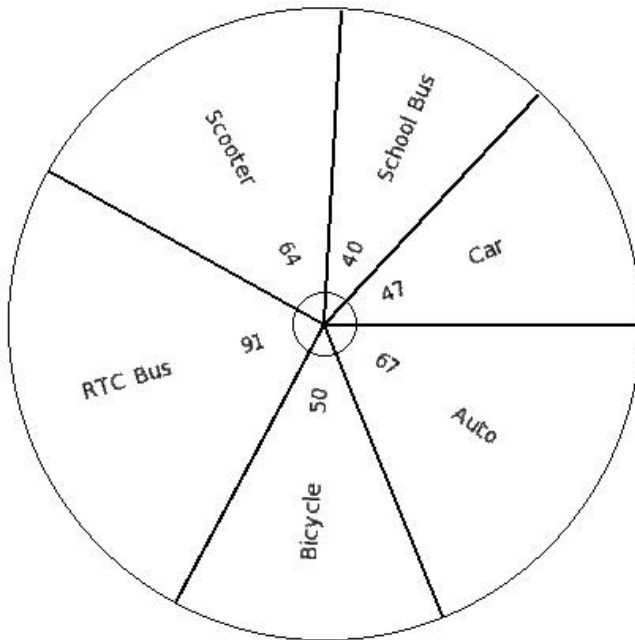
29. 1410 students of a certain locality use different modes of travel to school as shown below. Find the mode of travel that has maximum students.
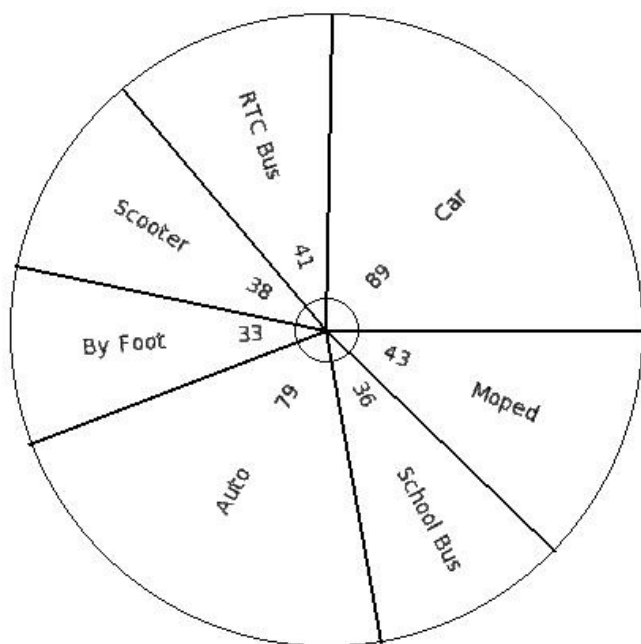
(i) By Foot (ii) Car (iii) Scooter (iv) Auto (v) Moped

30. 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) School Bus (ii) Scooter (iii) Car (iv) Auto (v) Bicycle

31. 1550 students of a certain locality use different modes of travel to school as shown below. Find the mode of travel that has 100 students.

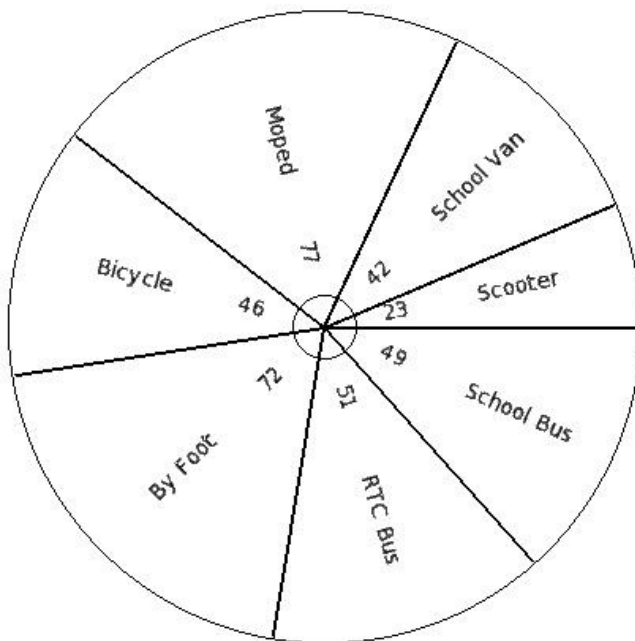(i) Bicycle (ii) RTC Bus (iii) School Bus (iv) Scooter (v) By Foot

32. There are 840 creatures in a zoo. Find the type of creature that has maximum presense in the zoo.
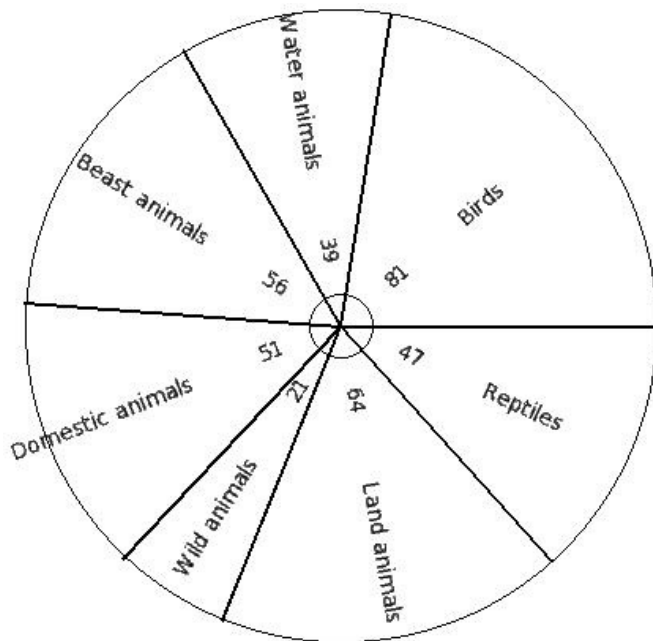
(i) Wild animals (ii) Domestic animals (iii) Reptiles (iv) Land animals (v) Birds

33. There are 610 creatures in a zoo. Find the type of creature that has minimum presense in the zoo.
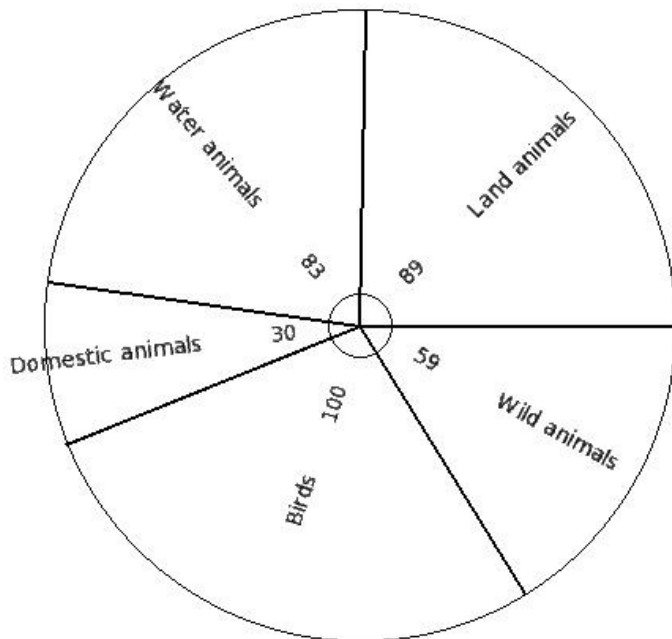
(i) Land animals (ii) Wild animals (iii) Domestic animals (iv) Water animals (v) Birds

34. There are 980 creatures in a zoo. Find the type of creature that has 160 creatures presense in the zoo.
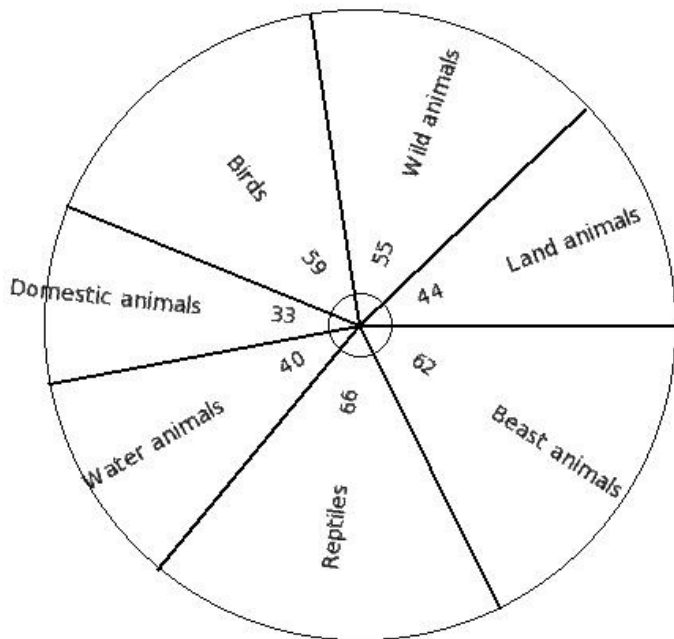
(i) Reptiles (ii) Beast animals (iii) Land animals (iv) Birds (v) Domestic animals

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35. A survey of 1290 school students was done to knowthe preferred free time activity. Find the activity that has maximum preference.
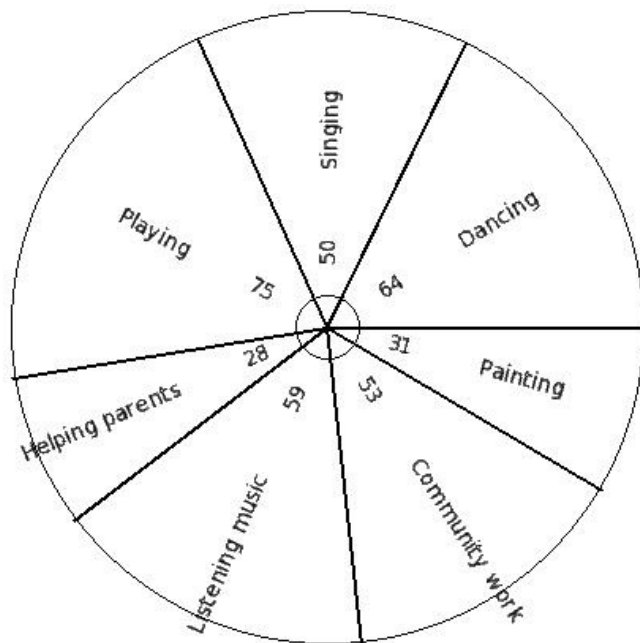
(i) Painting (ii) Listening music (iii) Dancing (iv) Singing (v) Playing

36. A survey of 1690 school students was done to knowthe preferred free time activity. Find the activity that has minimum preference.
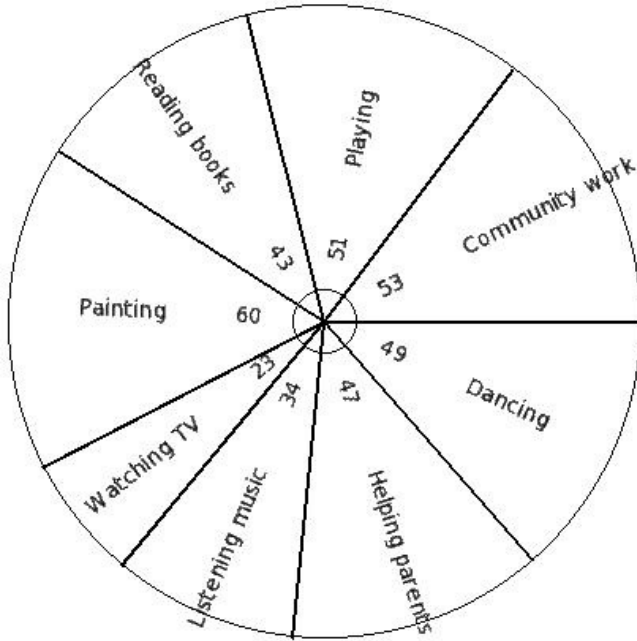
(i) Community work (ii) Watching TV (iii) Playing (iv) Listening music (v) Reading books

37. A survey of 1530 school students was done to knowthe preferred free time activity. Find the activity that has 250 student preference.
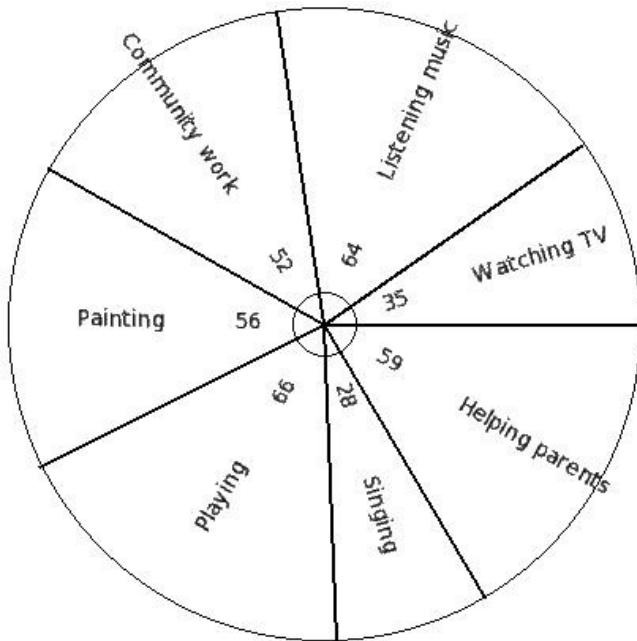
(i) Painting (ii) Listening music (iii) Watching TV (iv) Helping parents (v) Singing

38. The following pie chart shows 800 students of a school participating in various games. Find the game that has maximum participation.
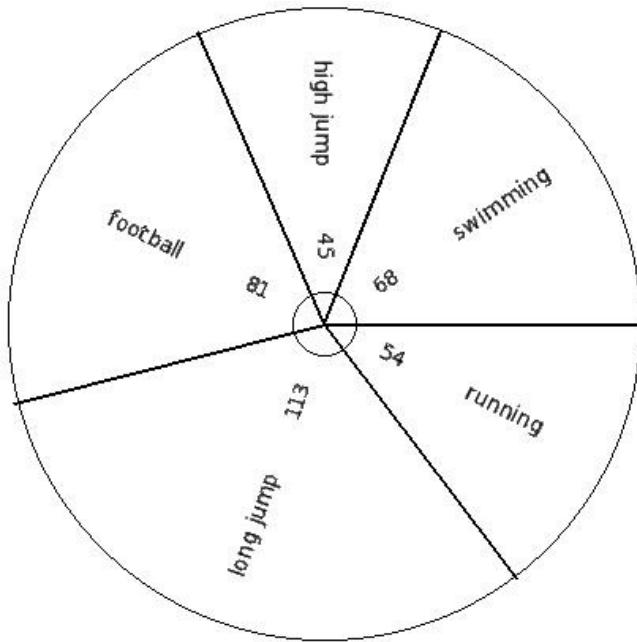
(i) swimming (ii) running (iii) long jump (iv) football (v) high jump

39. The following pie chart shows 1430 students of a school participating in various games. Find the game that has minimum participation.
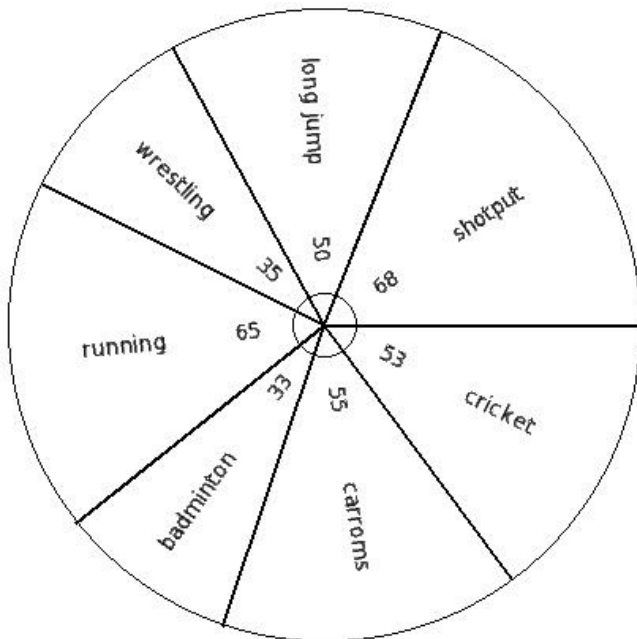
(i) badminton (ii) cricket (iii) long jump (iv) running (v) shotput

40. The following pie chart shows 1100 students of a school participating in various games. Find the game that has 240 student participation.

(i) volleyball (ii) swimming (iii) boxing (iv) kabaddi (v) cricket

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41. The total export earnings of ₹3960 crores of a country during five years is shown below. Find the pie chart sector angle for "2007-08"

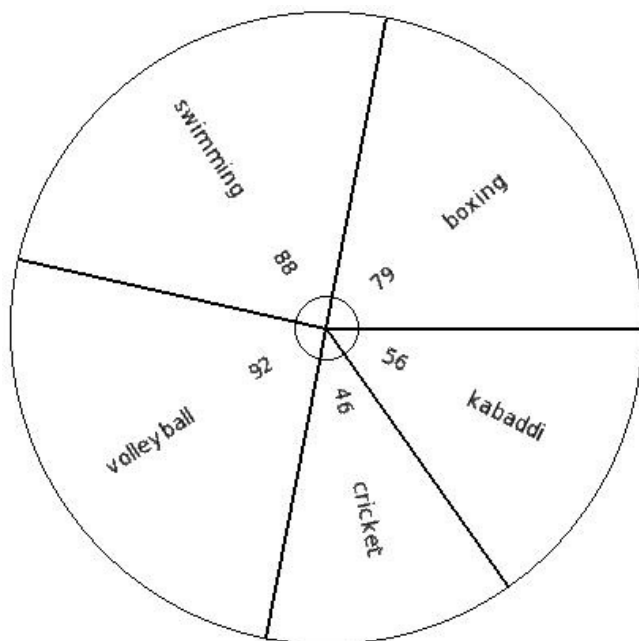| Years	2006-07	2007-08	2008-09	2009-10	2010-11
Exports(in thousand crore)	360	630	810	990	1170

(i) 57.27° (ii) 59.27° (iii) 58.27° (iv) 55.27° (v) 56.27°

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42. Shown below is the total food grain production of 4680 million tonnes over 5 years. Find the pie chart sector angle for "2007"

Years	2007	2008	2009	2010	2011
Foodgrains (in million tonnes)	450	720	810	1170	1530

(i) 36.62° (ii) 33.62° (iii) 34.62° (iv) 32.62° (v) 35.62°

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43. The total marks obtained by Hari in his annual exam are 275 as shown below. Find the pie chart sector angle for "Spanish"

Subject	Social Studies	Telugu	Physics	Spanish	German
Marks obtained	65	80	45	35	50

(i) 43.82° (ii) 47.82° (iii) 45.82° (iv) 44.82° (v) 46.82°

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44. 774 students of a certain locality use different modes of travel to school as shown below. Find the pie chart sector angle for "Car"

Mode of travel	Bicycle	School Van	Scooter	Auto	Car	Moped
No. of students	36	54	108	126	180	270

(i) 82.72° (ii) 83.72° (iii) 85.72° (iv) 81.72° (v) 84.72°

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45. There are 6660 creatures in a zoo as shown below. Find the pie chart sector angle for "Domestic animals"

Type of creatures	Beast animals	Land animals	Domestic animals	Birds	Water animals	Wild animals	Reptiles
No. of creatures	180	540	630	810	1170	1620	1710

(i) 33.05° (ii) 32.05° (iii) 34.05° (iv) 36.05° (v) 35.05°

46. The table below shows the preferred free time activity of 630 school students. Find the pie chart sector angle for "Watching TV"

Activity	Watching TV	Listening music	Reading books	Playing	Helping parents
No.of students	36	90	126	180	198

(i) 18.57° (ii) 19.57° (iii) 21.57° (iv) 20.57° (v) 22.57°

47. The following table shows 1116 students of a school participating in various games. Find the pie chart sector angle for "chess"

Games	badminton	swimming	hockey	chess	boxing	football
No. of students	54	144	180	198	252	288

(i) 62.87° (ii) 61.87° (iii) 65.87° (iv) 63.87° (v) 64.87°

Assignment Key

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