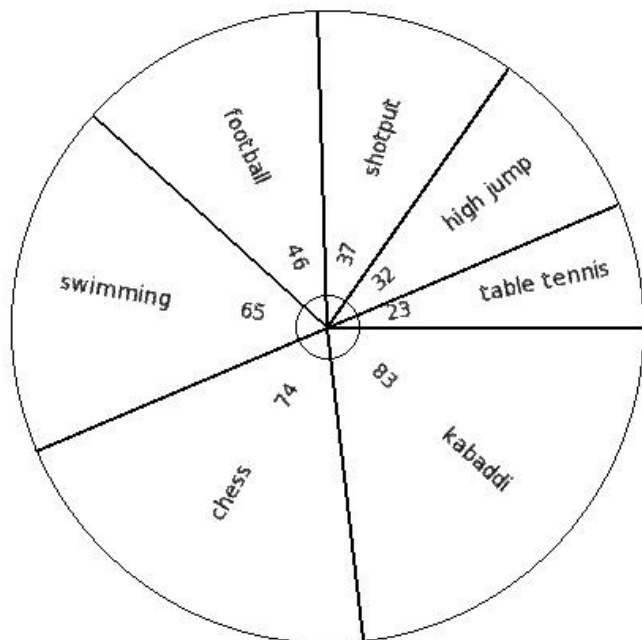


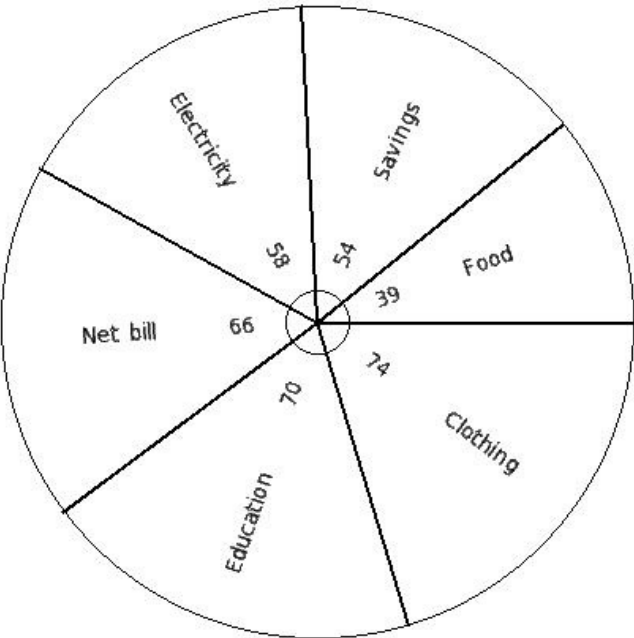


1. The following pie chart gives the data regarding the favourite sport of 702 students of a school. Identify the table for the given pie diagram.



- (i)
- | Sport           | table tennis | high jump | shotput | football | swimming | chess | kabaddi |
|-----------------|--------------|-----------|---------|----------|----------|-------|---------|
| No. of students | 162          | 126       | 90      | 63       | 72       | 45    | 144     |
- (ii)
- | Sport           | table tennis | high jump | shotput | football | swimming | chess | kabaddi |
|-----------------|--------------|-----------|---------|----------|----------|-------|---------|
| No. of students | 45           | 63        | 72      | 90       | 126      | 144   | 162     |
- (iii)
- | Sport           | table tennis | high jump | shotput | football | swimming | chess | kabaddi |
|-----------------|--------------|-----------|---------|----------|----------|-------|---------|
| No. of students | 63           | 162       | 90      | 45       | 126      | 72    | 144     |
- (iv)
- | Sport           | table tennis | high jump | shotput | football | swimming | chess | kabaddi |
|-----------------|--------------|-----------|---------|----------|----------|-------|---------|
| No. of students | 162          | 126       | 72      | 144      | 63       | 45    | 90      |
- (v)
- | Sport           | table tennis | high jump | shotput | football | swimming | chess | kabaddi |
|-----------------|--------------|-----------|---------|----------|----------|-------|---------|
| No. of students | 45           | 162       | 90      | 63       | 144      | 126   | 72      |

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



- (i) 

Item	Food	Savings	Electricity	Net bill	Education	Clothing
Expenses (in Rs)	3240	2520	3060	2700	1800	3420
- (ii) 

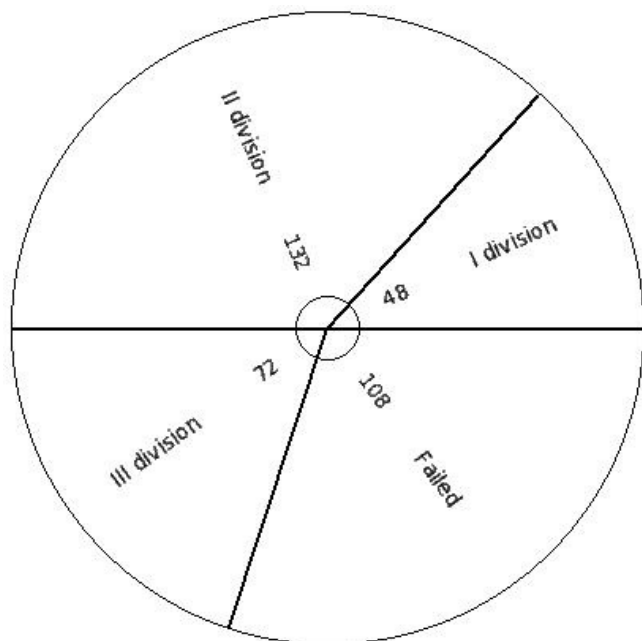
Item	Food	Savings	Electricity	Net bill	Education	Clothing
Expenses (in Rs)	2700	3060	3420	1800	3240	2520
- (iii) 

Item	Food	Savings	Electricity	Net bill	Education	Clothing
Expenses (in Rs)	1800	3420	3060	3240	2520	2700
- (iv) 

Item	Food	Savings	Electricity	Net bill	Education	Clothing
Expenses (in Rs)	1800	3060	2520	3240	2700	3420
- (v) 

Item	Food	Savings	Electricity	Net bill	Education	Clothing
Expenses (in Rs)	1800	2520	2700	3060	3240	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	54	81	36	99

(ii)

Result	I division	II division	III division	Failed
No. of Students	36	81	99	54

(iii)

Result	I division	II division	III division	Failed
No. of Students	36	99	54	81

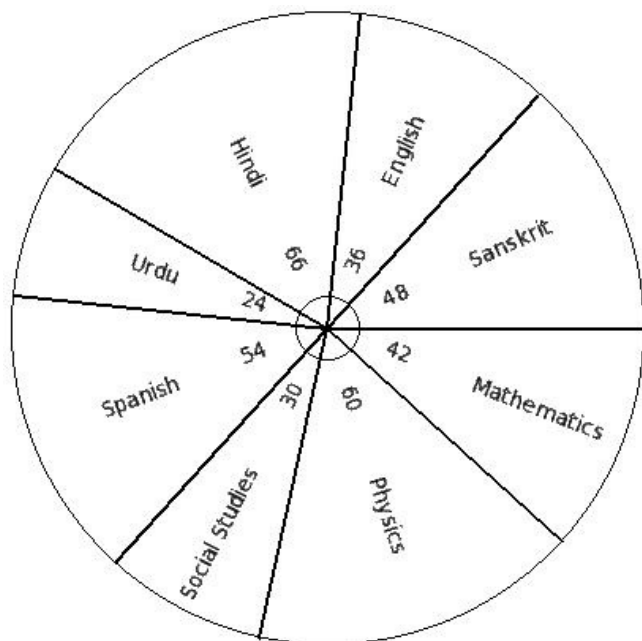
(iv)

Result	I division	II division	III division	Failed
No. of Students	81	54	36	99

(v)

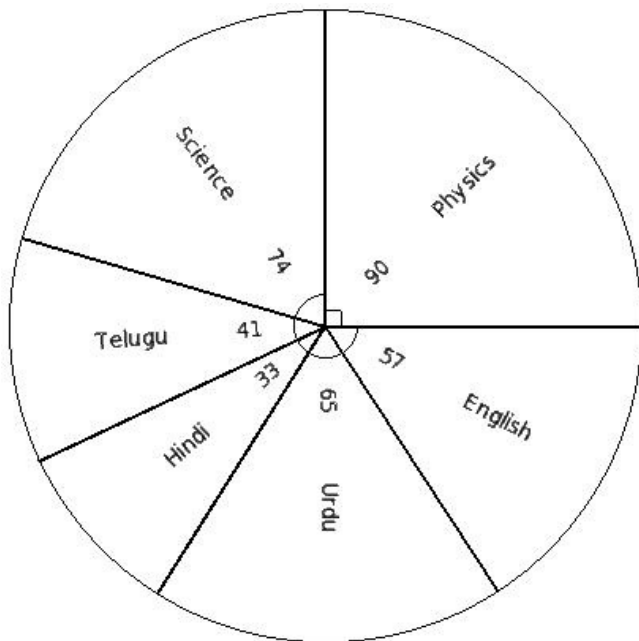
Result	I division	II division	III division	Failed
No. of Students	36	54	81	99

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



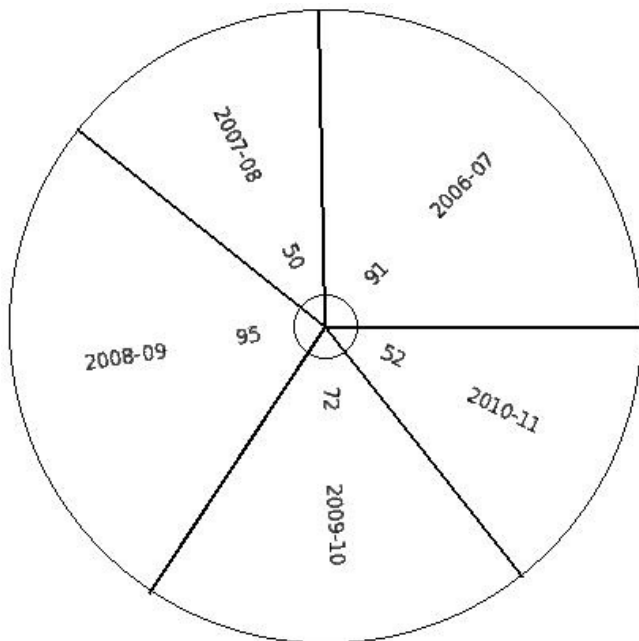
- (i) 98 (ii) 100 (iii) 99 (iv) 96 (v) 101

5. The total marks obtained by a student in his annual examination is 396. Find the minimum marks.



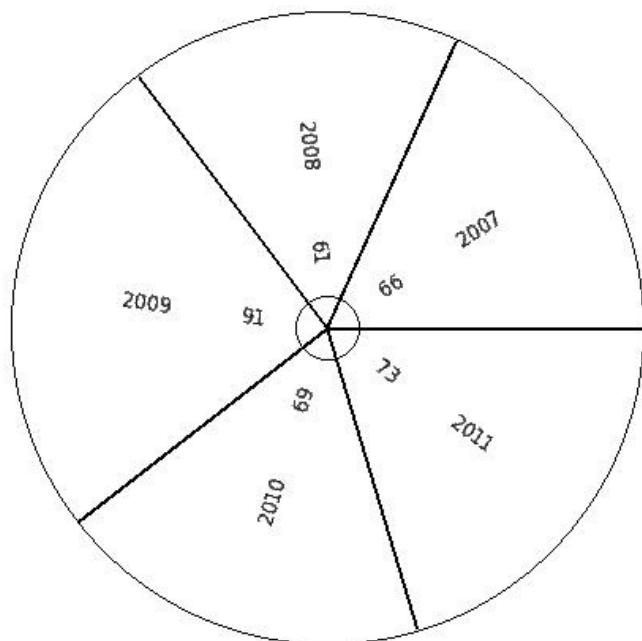
(i) 34 (ii) 37 (iii) 35 (iv) 36 (v) 39

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



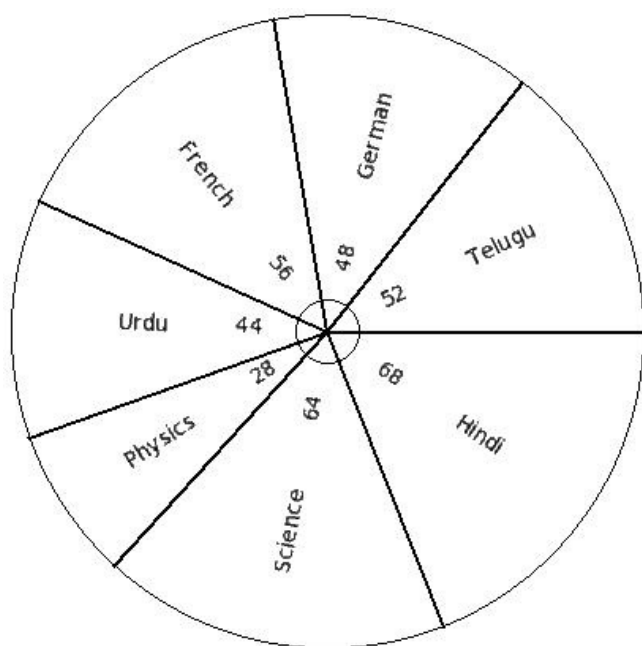
(i) 948 (ii) 952 (iii) 953 (iv) 950 (v) 947

7. Shown below is the total food grain production of 2880 million tonnes over 5 years. Find the production (in million tonnes) in 2011.



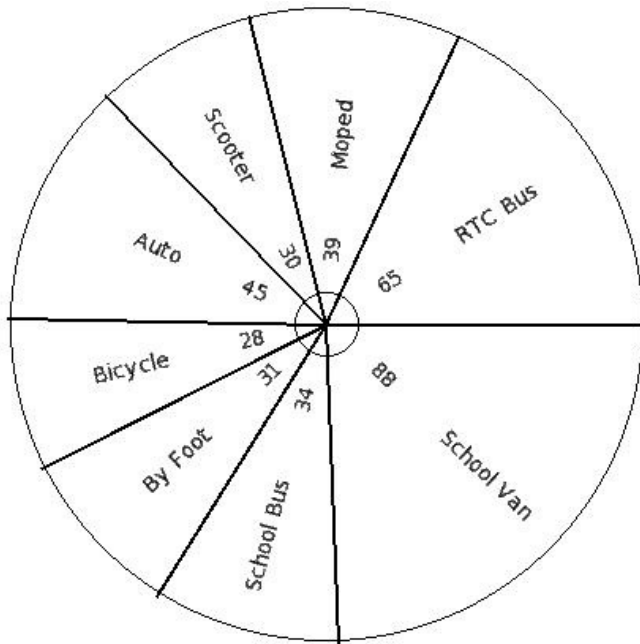
- (i) 581 (ii) 587 (iii) 584 (iv) 586 (v) 582

8. The total marks obtained by Akhil in his annual exam are 450 as shown below. Find the marks in "Urdu".



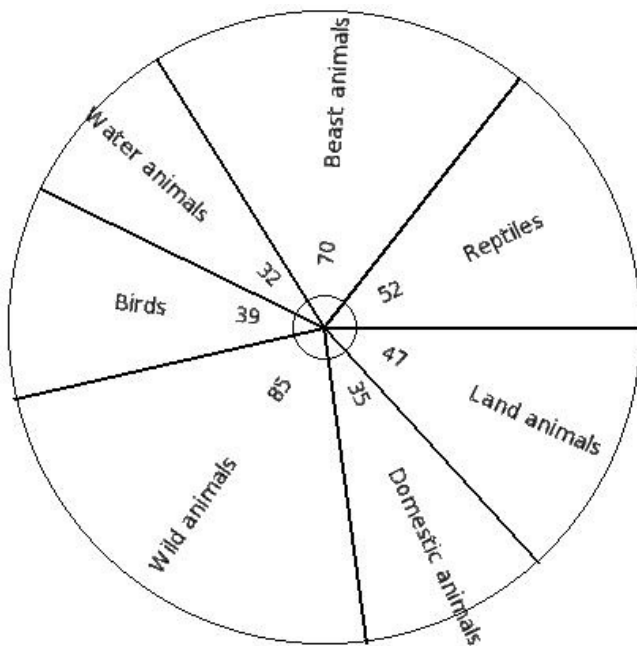
- (i) 53 (ii) 58 (iii) 55 (iv) 57 (v) 52

9. 1620 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 "School Van".



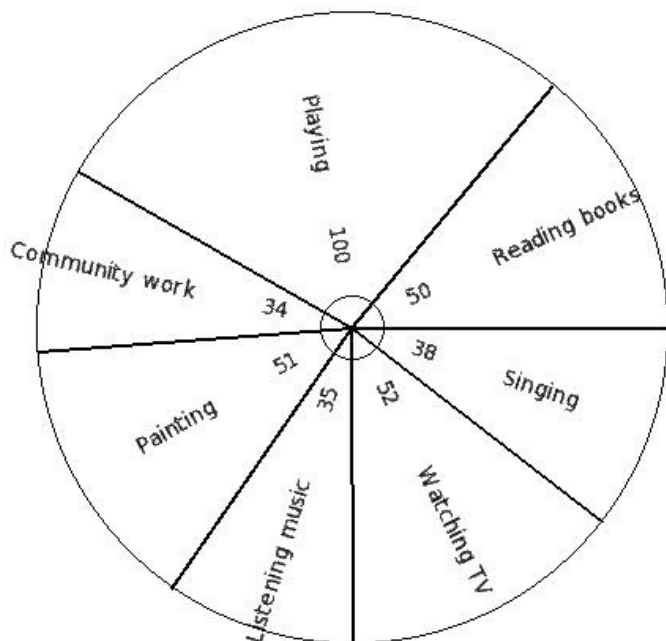
- (i) 396 (ii) 393 (iii) 394 (iv) 398 (v) 399

10. There are 3600 creatures in a zoo. Find the count of "Land animals".



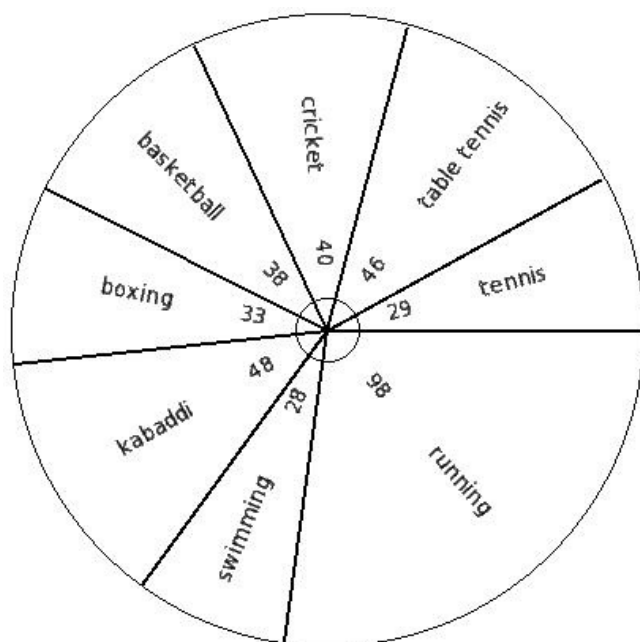
- (i) 467 (ii) 468 (iii) 472 (iv) 473 (v) 470

11. A survey of 1080 school students was done to know the preferred free time activity. Find the number of students who prefer "Community work".



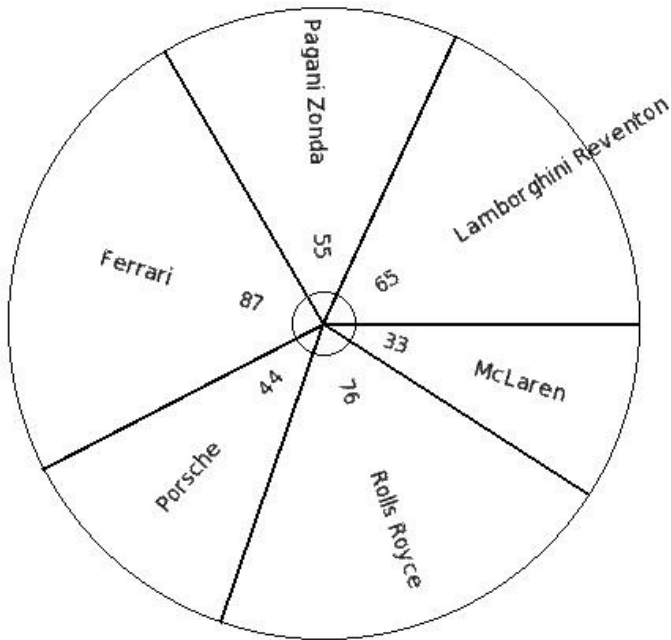
- (i) 102 (ii) 99 (iii) 105 (iv) 104 (v) 100

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



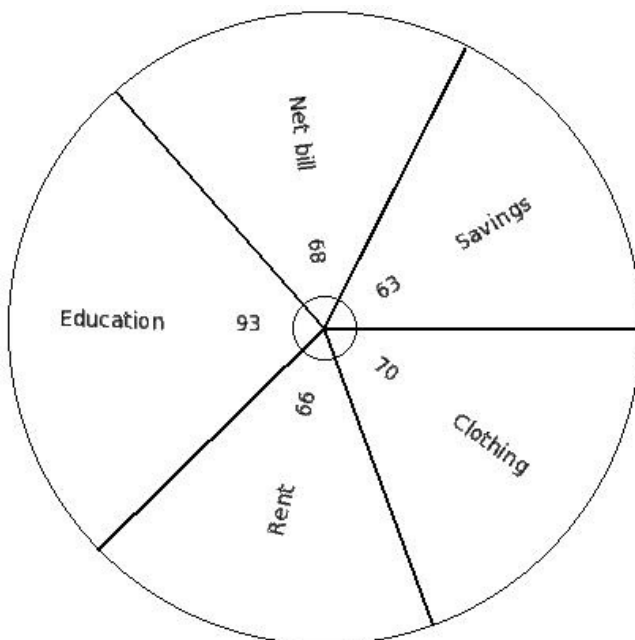
- (i) 49 (ii) 52 (iii) 51 (iv) 46 (v) 47

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



(i) 36 (ii) 33 (iii) 31 (iv) 32 (v) 34

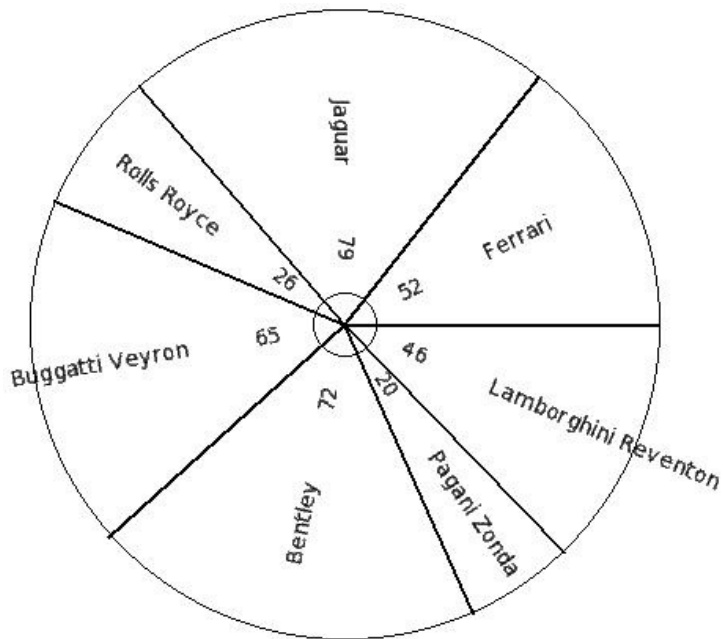
14. The pie diagram given below shows the monthly family expenditure of a person earning ₹8280 per month. How much does he spend on "Net bill"?



(i) ₹1564.00 (ii) ₹1566.00 (iii) ₹1563.00 (iv) ₹1562.00 (v) ₹1565.00

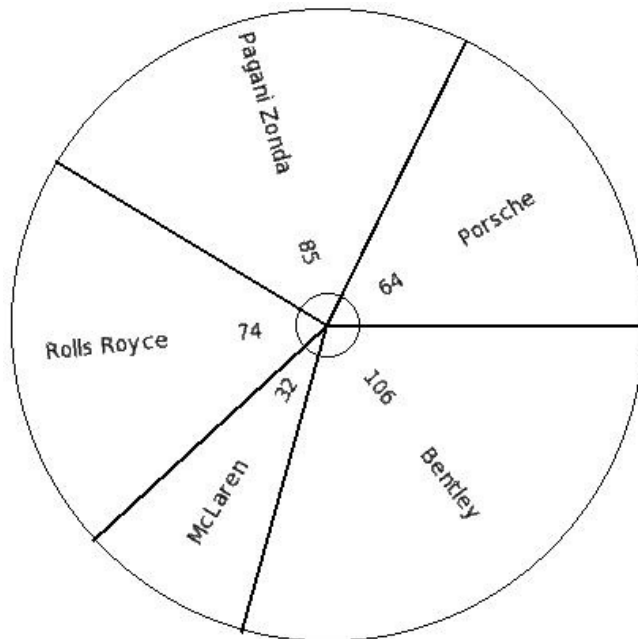


15. The pie chart given below consists of top selling race cars of different brands. Identify the most sold car.



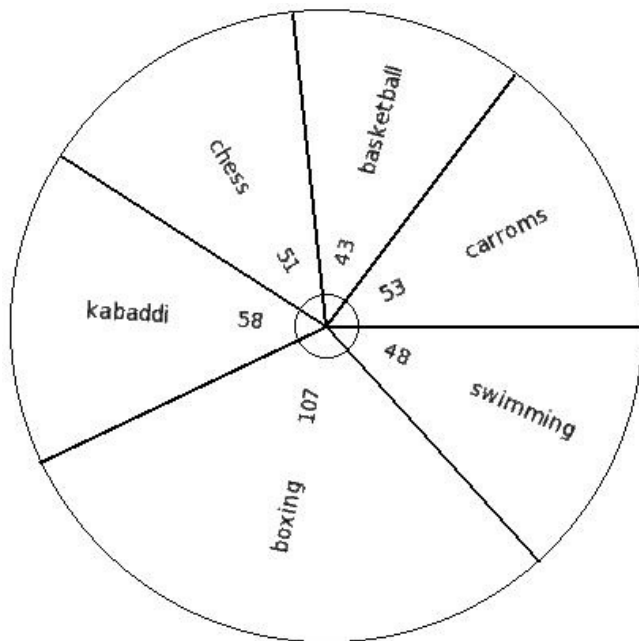
(i) Bentley (ii) Ferrari (iii) Lamborghini Reventon (iv) Jaguar (v) Rolls Royce

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



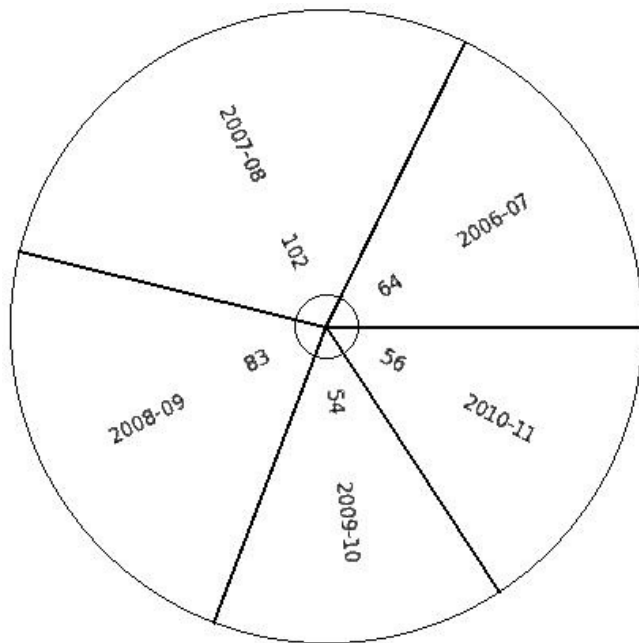
(i) Bentley (ii) McLaren (iii) Pagani Zonda (iv) Rolls Royce (v) Porsche

17. The number of sectors present in the pie chart



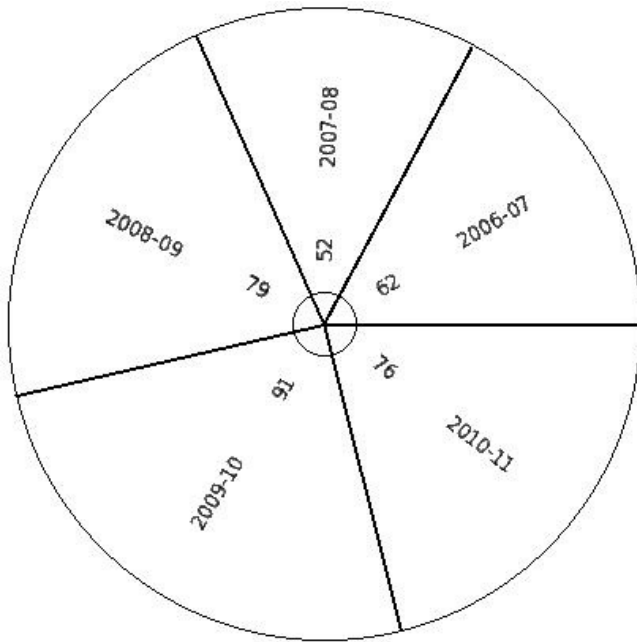
- (i) 5 (ii) 6 (iii) 4 (iv) 7 (v) 8

18. The total export earnings of ₹670 thousand crore of a country during five years is shown below. Find the year that has maximum export earnings.



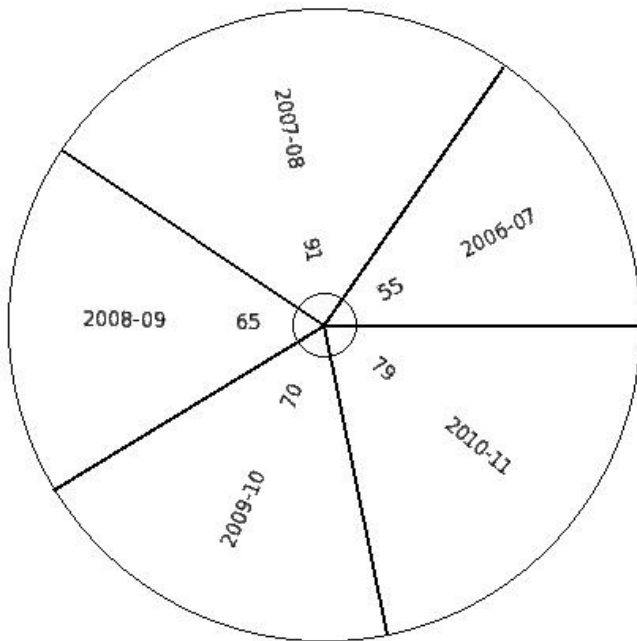
- (i) 2010-11 (ii) 2007-08 (iii) 2006-07 (iv) 2009-10 (v) 2008-09

19. The total export earnings of ₹755 thousand crore of a country during five years is shown below. Find the year that has minimum export earnings.



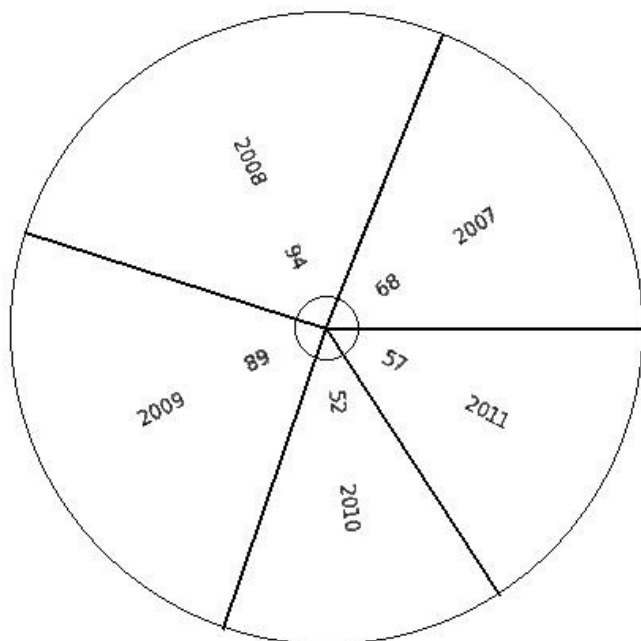
- (i) 2007-08 (ii) 2010-11 (iii) 2006-07 (iv) 2008-09 (v) 2009-10

20. The total export earnings of ₹750 thousand crore of a country during five years is shown below. Find the year that has 190 thousand crore export earnings.



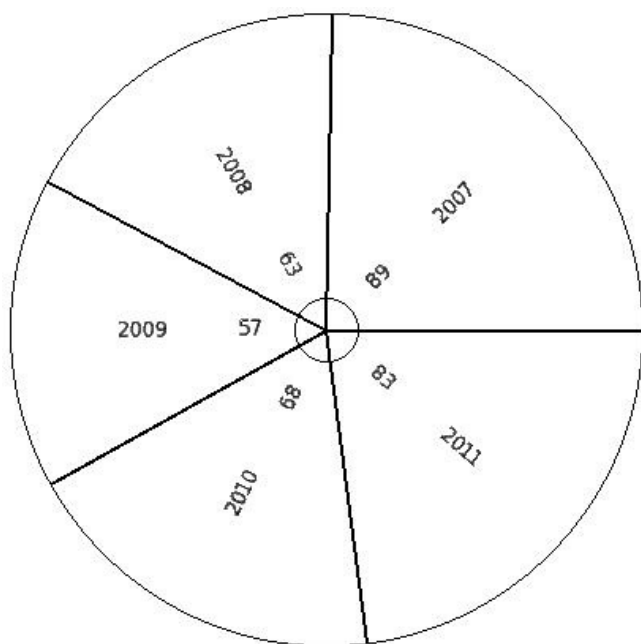
- (i) 2009-10 (ii) 2007-08 (iii) 2010-11 (iv) 2008-09 (v) 2006-07

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.



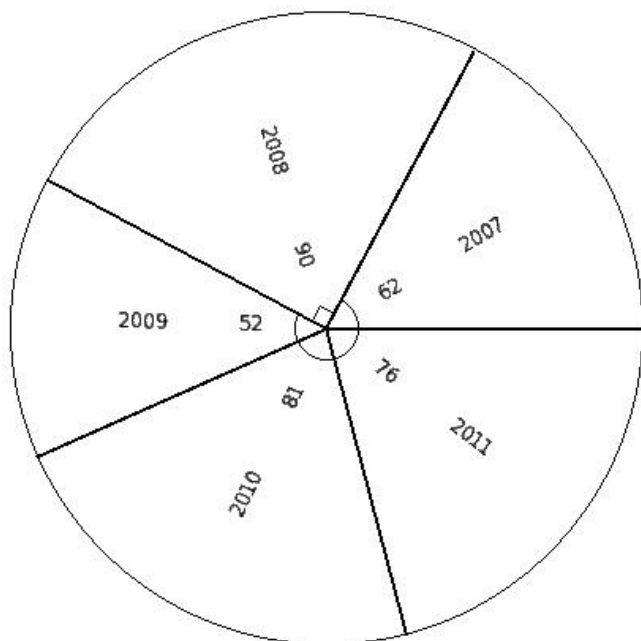
- (i) 2011 (ii) 2008 (iii) 2007 (iv) 2009 (v) 2010

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



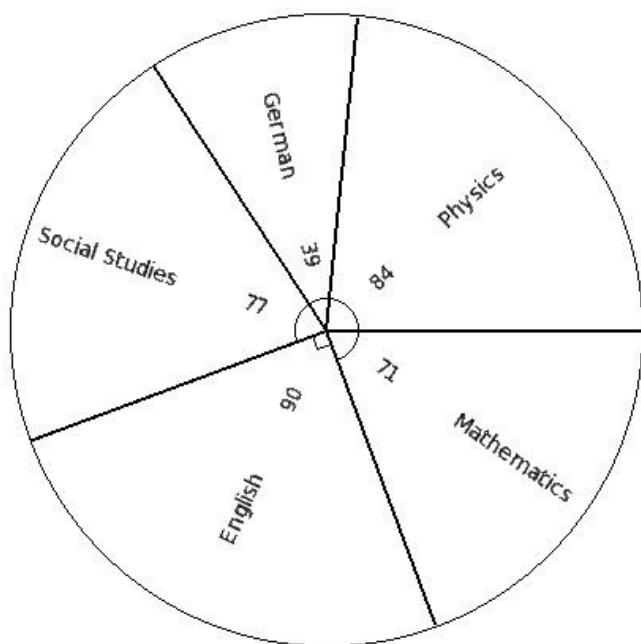
- (i) 2007 (ii) 2008 (iii) 2011 (iv) 2010 (v) 2009

23. Shown below is the total food grain production of 380 million tonnes over 5 years. Find the year that has 95 million tonnes food grain production.



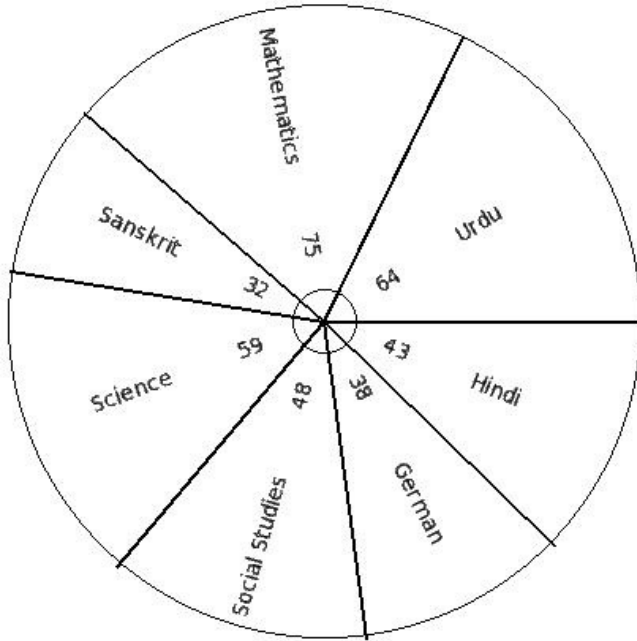
- (i) 2007 (ii) 2011 (iii) 2008 (iv) 2010 (v) 2009

24. The total marks obtained by Akbar in his annual exam are 280 as shown below. Find the subject that has maximum score.



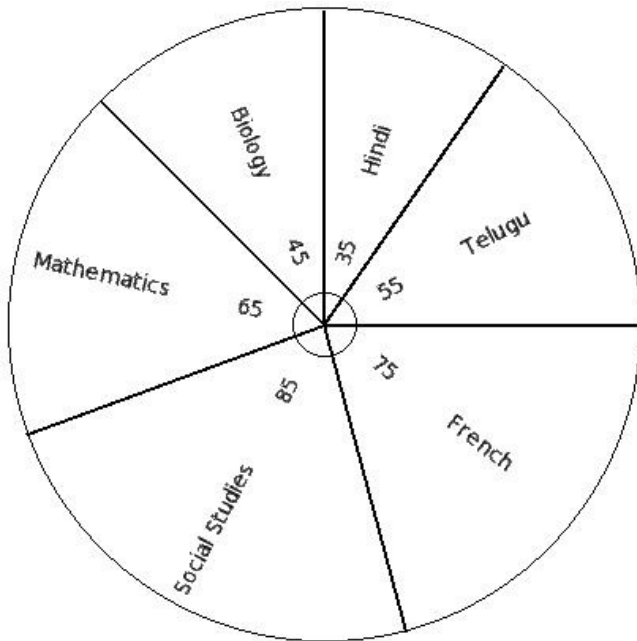
- (i) English (ii) Physics (iii) Social Studies (iv) German (v) Mathematics

25. The total marks obtained by Mohan in his annual exam are 335 as shown below. Find the subject that has minimum score.



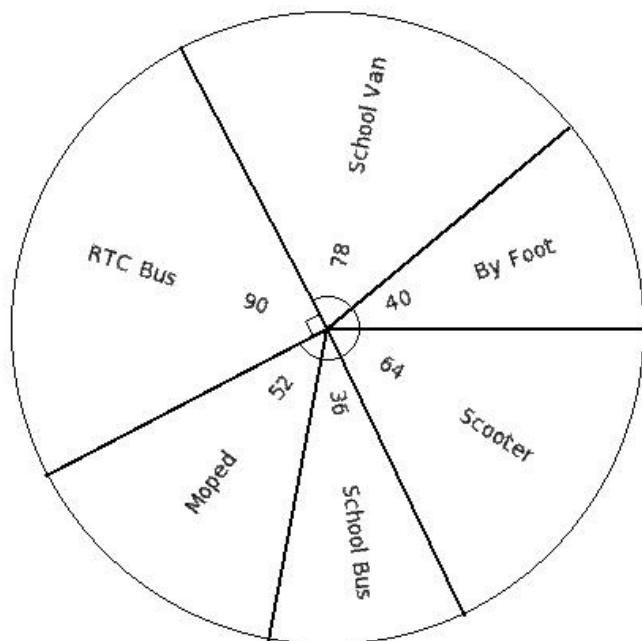
(i) Science (ii) Sanskrit (iii) Urdu (iv) Hindi (v) Mathematics

26. The total marks obtained by Kaushik in his annual exam are 360 as shown below. Find the subject that has 85 score.



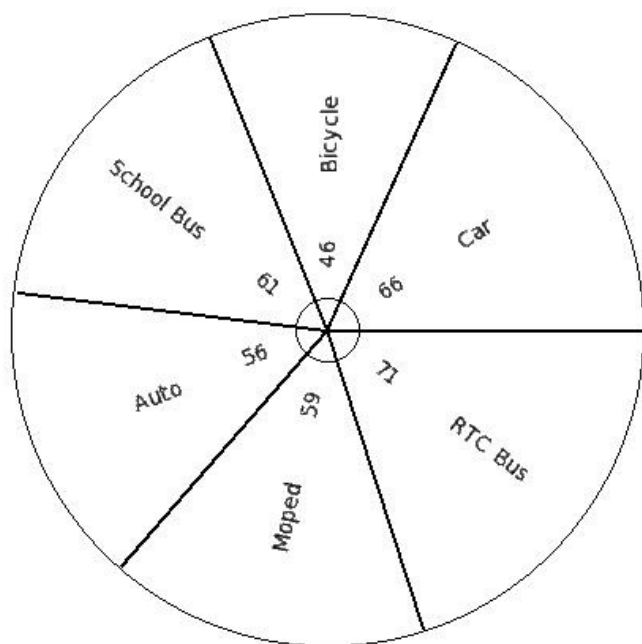
(i) Mathematics (ii) Social Studies (iii) French (iv) Biology (v) Hindi

27. 1520 students of a certain locality use different modes of travel to school as shown below. Find the mode of travel that has maximum students.



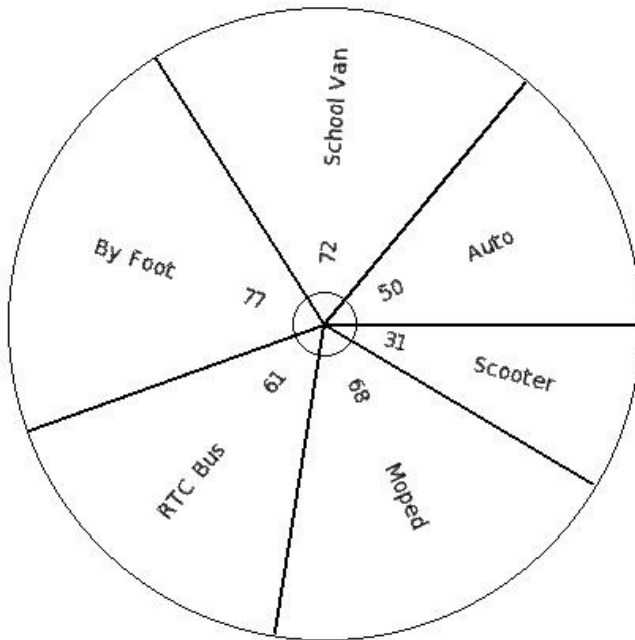
(i) School Bus (ii) Moped (iii) School Van (iv) RTC Bus (v) By Foot

28. 1410 students of a certain locality use different modes of travel to school as shown below. Find the mode of travel that has minimum students.



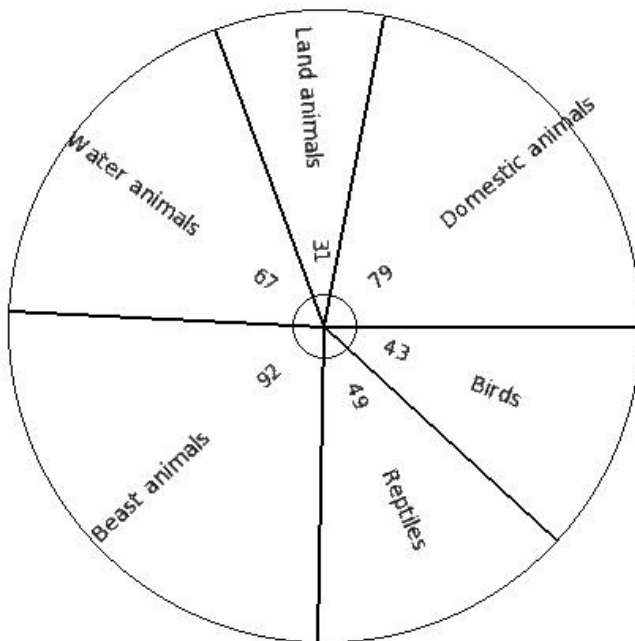
(i) Moped (ii) Bicycle (iii) School Bus (iv) Car (v) Auto

29. 1640 students of a certain locality use different modes of travel to school as shown below. Find the mode of travel that has 330 students.



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

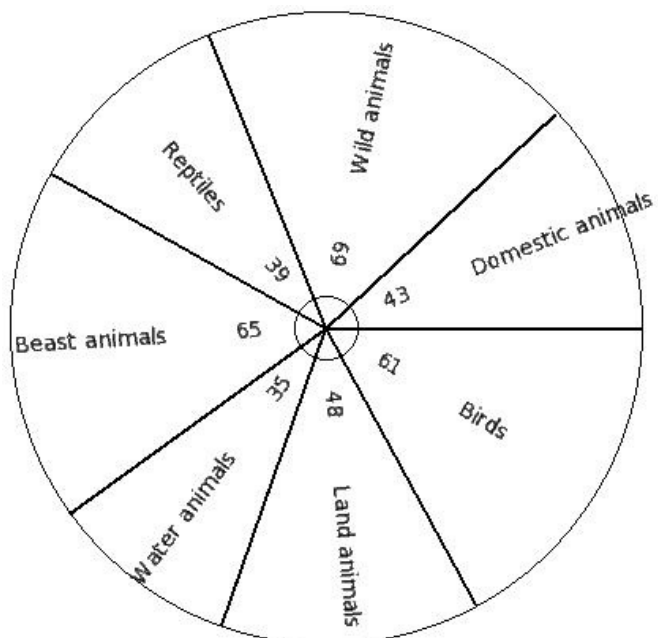
30. There are 590 creatures in a zoo. Find the type of creature that has maximum presence in the zoo.



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

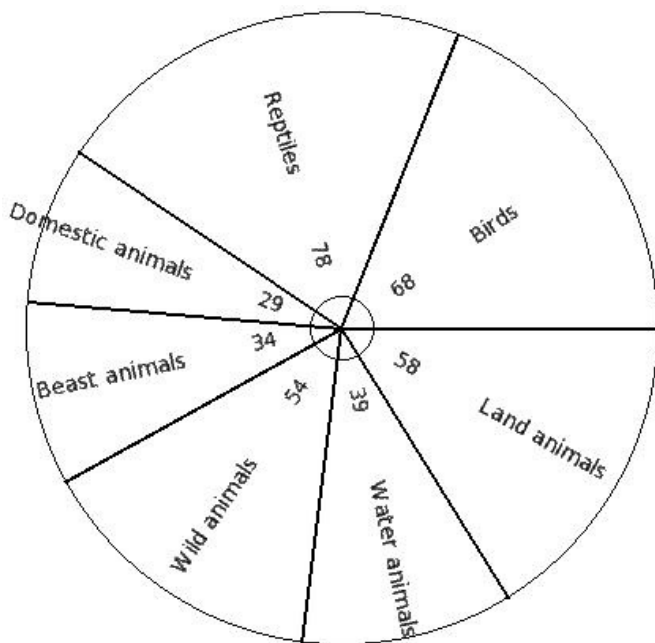


31. There are 830 creatures in a zoo. Find the type of creature that has minimum presence in the zoo.



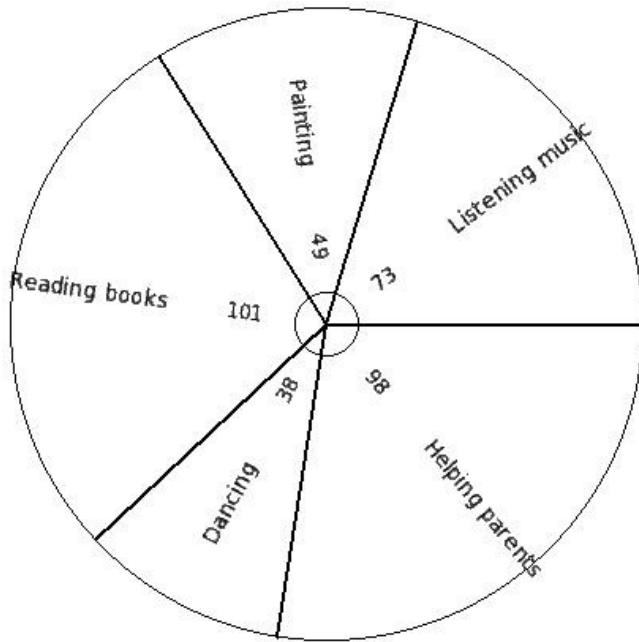
(i) Beast animals (ii) Land animals (iii) Domestic animals (iv) Water animals (v) Reptiles

32. There are 740 creatures in a zoo. Find the type of creature that has 120 creatures presence in the zoo.



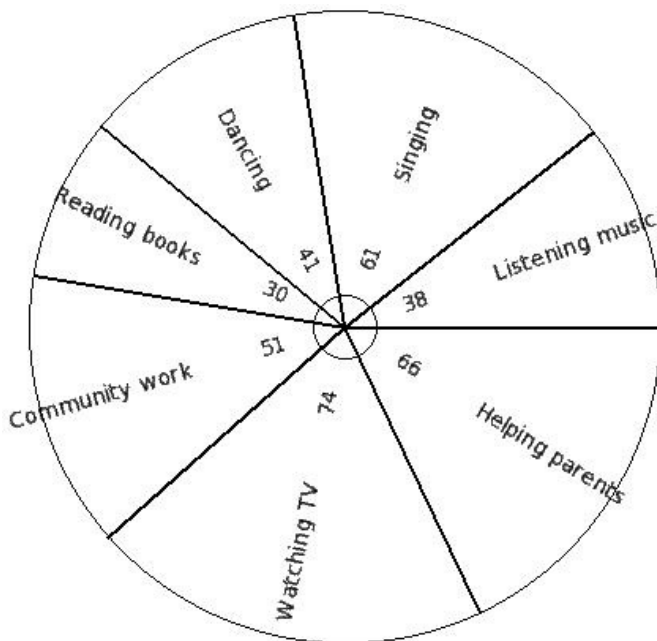
(i) Beast animals (ii) Domestic animals (iii) Water animals (iv) Reptiles (v) Land animals

33. A survey of 1030 school students was done to know the preferred free time activity. Find the activity that has maximum preference.



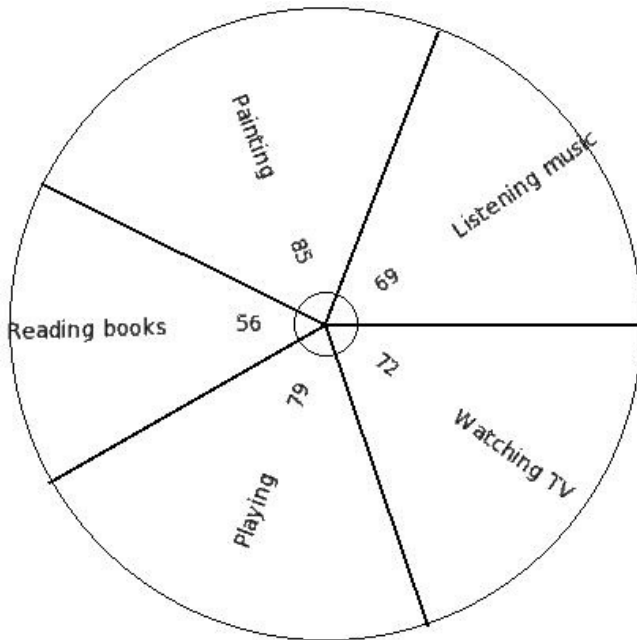
(i) Helping parents (ii) Dancing (iii) Painting (iv) Listening music (v) Reading books

34. A survey of 1420 school students was done to know the preferred free time activity. Find the activity that has minimum preference.



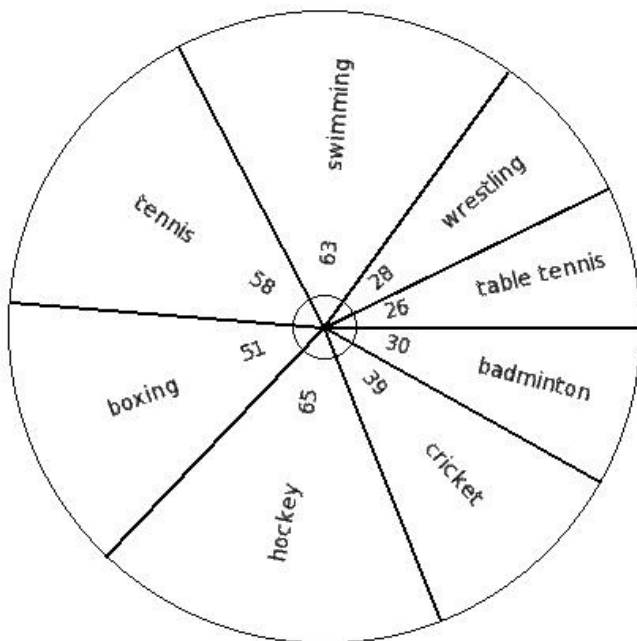
(i) Dancing (ii) Listening music (iii) Reading books (iv) Singing (v) Community work

35. A survey of 1100 school students was done to know the preferred free time activity. Find the activity that has 210 student preference.



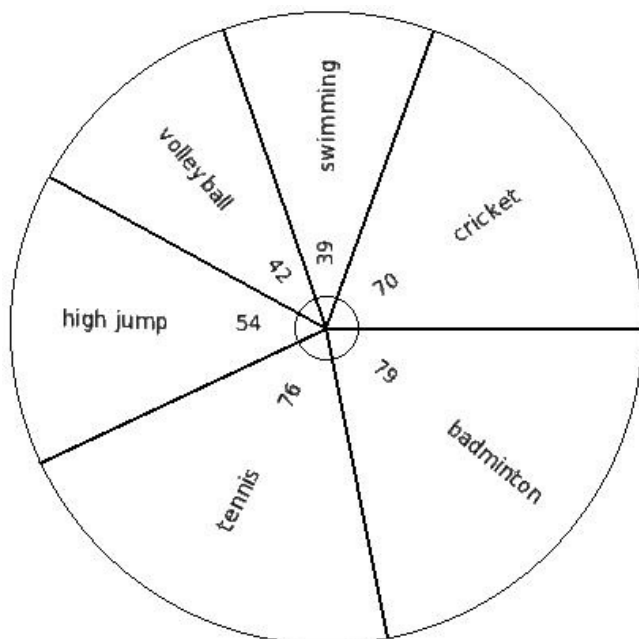
(i) Listening music (ii) Watching TV (iii) Playing (iv) Painting (v) Reading books

36. The following pie chart shows 1550 students of a school participating in various games. Find the game that has maximum participation.



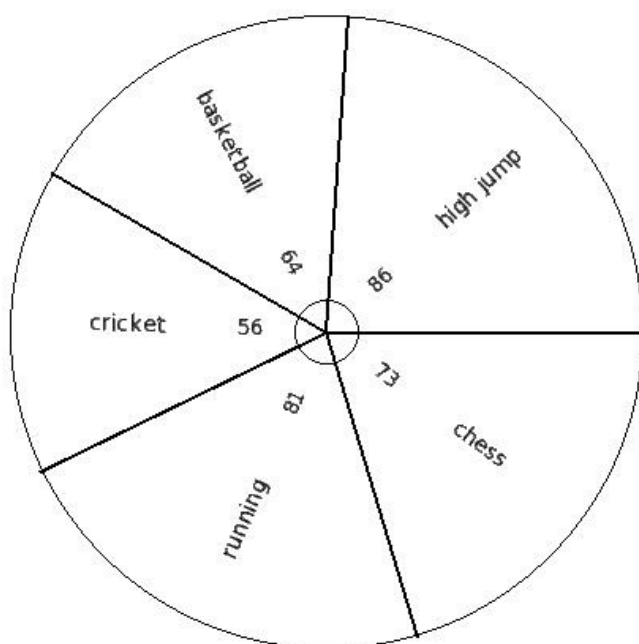
(i) badminton (ii) boxing (iii) hockey (iv) wrestling (v) swimming

37. The following pie chart shows 1190 students of a school participating in various games. Find the game that has minimum participation.



- (i) badminton (ii) cricket (iii) high jump (iv) tennis (v) swimming

38. The following pie chart shows 840 students of a school participating in various games. Find the game that has 200 student participation.



- (i) high jump (ii) cricket (iii) chess (iv) basketball (v) running

The following table gives the data regarding the favourite sport of 369 students of a school. Find the pie chart sector angle for "basketball"

39.

Sport	badminton	basketball	high jump	boxing	carroms	tennis
No. of students	63	27	81	54	45	99

- (i)  $26.34^\circ$  (ii)  $27.34^\circ$  (iii)  $25.34^\circ$  (iv)  $24.34^\circ$  (v)  $28.34^\circ$

A man earns Rs 3600 per month. His expenditure during a month is as follows. Find the pie chart sector angle for "Clothing"

40.

Item	Water	Rent	Food	Clothing	Dish bill	Insurance	Misc.	Loan
Expenses (in rupees)	90	135	360	450	585	810	630	540

- (i)  $46.00^\circ$  (ii)  $47.00^\circ$  (iii)  $43.00^\circ$  (iv)  $45.00^\circ$  (v)  $44.00^\circ$

41. Pie-diagram consists of

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

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

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

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

- (i)  $180^\circ$  (ii)  $360^\circ$  (iii)  $90^\circ$  (iv)  $270^\circ$

The total export earnings of ₹2520 crores of a country during five years is shown below. Find the pie chart sector angle for "2006-07"

44.

Years	2006-07	2007-08	2008-09	2009-10	2010-11
Exports(in thousand crore)	180	270	540	630	900

- (i)  $27.71^\circ$  (ii)  $26.71^\circ$  (iii)  $23.71^\circ$  (iv)  $25.71^\circ$  (v)  $24.71^\circ$

Shown below is the total food grain production of 3780 million tonnes over 5 years. Find the pie chart sector angle for "2007"

45.

Years	2007	2008	2009	2010	2011
Foodgrains (in million tonnes)	180	540	810	1080	1170

- (i)  $15.14^\circ$  (ii)  $17.14^\circ$  (iii)  $16.14^\circ$  (iv)  $18.14^\circ$  (v)  $19.14^\circ$

The total marks obtained by Gopal in his annual exam are 495 as shown below. Find the pie chart sector angle for "Physics"

46.

Subject	Sanskrit	Spanish	Social Studies	Physics	English	Urdu	German	Biology
Marks obtained	80	55	45	50	75	70	85	35

- (i)  $34.36^\circ$  (ii)  $36.36^\circ$  (iii)  $38.36^\circ$  (iv)  $37.36^\circ$  (v)  $35.36^\circ$

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

47.

Mode of travel	Car	School Bus	Bicycle	Moped	By Foot	RTC Bus
No. of students	54	72	90	126	180	234

- (i)  $61.00^\circ$  (ii)  $60.00^\circ$  (iii)  $62.00^\circ$  (iv)  $58.00^\circ$  (v)  $59.00^\circ$

There are 5310 creatures in a zoo as shown below. Find the pie chart sector angle for "Wild animals"

48.

Type of creatures	Water animals	Birds	Domestic animals	Wild animals	Land animals	Reptiles
No. of creatures	180	540	720	1170	1260	1440

- (i)  $81.32^\circ$  (ii)  $79.32^\circ$  (iii)  $77.32^\circ$  (iv)  $80.32^\circ$  (v)  $78.32^\circ$

The table below shows the preferred free time activity of 1422 school students. Find the pie chart sector angle for "Reading books"

49.

Activity	Playing	Painting	Helping parents	Community work	Singing	Reading books
No. of students	126	180	216	252	288	360

- (i)  $92.14^\circ$  (ii)  $90.14^\circ$  (iii)  $89.14^\circ$  (iv)  $91.14^\circ$  (v)  $93.14^\circ$

The following table shows 1746 students of a school participating in various games. Find the pie chart sector angle for "boxing"

50.

Games	long jump	cricket	boxing	wrestling	basketball	swimming	football	hockey
No. of students	72	162	180	198	216	288	306	324

- (i)  $39.11^\circ$  (ii)  $35.11^\circ$  (iii)  $37.11^\circ$  (iv)  $36.11^\circ$  (v)  $38.11^\circ$

## Assignment Key

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