

Name : Pie Chart Chapter : Data Handling Grade : CBSE Grade VIII License : Non Commercial Use

1. The following pie chart gives the data regarding the favourite sport of 882 students of a school. Identify the table for the given pie diagram.



(1)	Sport	long jump	basketball	swimming	kabaddi	shotput	boxing	carroms
(1)	No. of students	126	207	180	45	153	90	81
(ii)	Sport	long jump	basketball	swimming	kabaddi	shotput	boxing	carroms
(11)	No. of students	180	126	207	90	45	153	81
(;;;;)	Sport	long jump	basketball	swimming	kabaddi	shotput	boxing	carroms
(111)	No. of students	45	81	90	126	153	180	207
							1	
(iv)	Sport	long jump	basketball	swimming	kabaddi	shotput	boxing	carroms
(1V)	No. of students	45	153	90	81	180	126	207
(v)	Sport	long jump	basketball	swimming	kabaddi	shotput	boxing	carroms
	No. of students	81	180	126	207	153	90	45

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



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



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



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



6. The total export earnings of ₹4680 crores of a country during five years is shown below. Find the earnings (in crores) in 2007-08.



(i) 926 (ii) 925 (iii) 921 (iv) 920 (v) 923

7. The total marks obtained by Ashish in his annual exam are 320 as shown below. Find the marks in "Biology".



1260 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 "Bicycle".



(i) 203 (ii) 201 (iii) 205 (iv) 200 (v) 206

9. There are 2520 creatures in a zoo. Find the count of "Reptiles".



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



(i) 197 (ii) 192 (iii) 194 (iv) 196 (v) 191

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



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



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



(i) ₹582.00 (ii) ₹578.00 (iii) ₹579.00 (iv) ₹581.00 (v) ₹580.00

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



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

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



- (i) Jaguar (ii) Aston Martin (iii) Rolls Royce (iv) McLaren (v) Lamborghini Reventon
- 16. The number of sectors present in the pie chart



The total export earnings of ₹770 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) 2007-08 (iv) 2010-11 (v) 2006-07
- The total export earnings of ₹790 thousand crore of a country during five years is shown below. Find the year that has minimum export earnings.



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

19. The total export earnings of ₹575 thousand crore of a country during five years is shown below. Find the year that has 105 thousand crore export earnings.



- (i) 2008-09 (ii) 2010-11 (iii) 2007-08 (iv) 2006-07 (v) 2009-10
- 20. Shown below is the total food grain production of 390 million tonnes over 5 years. Find the year that has maximum food grain production.



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

21. Shown below is the total food grain production of 400 million tonnes over 5 years. Find the year that has minimum food grain production.



Shown below is the total food grain production of 310 million tonnes over 5 years. Find the year that has 65 million tonnes food grain production.



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

The total marks obtained by Pavan in his annual exam are 410 as shown below. Find the subject that has maximum score.



- (i) German (ii) Science (iii) Social Studies (iv) Urdu (v) Telugu
- 24. The total marks obtained by Nagarjuna in his annual exam are 370 as shown below. Find the subject that has minimum score.



(i) German (ii) Science (iii) Spanish (iv) French (v) Biology

25. The total marks obtained by Rajesh in his annual exam are 480 as shown below. Find the subject that has 30 score.



- (i) Hindi (ii) German (iii) Urdu (iv) Spanish (v) English
- $\frac{1390 \text{ students of a certain locality use different modes of travel to school as shown below. Find the mode of travel that has maximum students.}$



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

1580 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) RTC Bus (ii) Auto (iii) Scooter (iv) Moped (v) Car
- 28. $\frac{1040}{1000}$ 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) RTC Bus (ii) Car (iii) School Bus (iv) Scooter (v) Bicycle

29. There are 500 creatures in a zoo. Find the type of creature that has maximum presense in the zoo.



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

30. There are 710 creatures in a zoo. Find the type of creature that has minimum presense in the zoo.



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

31. There are 540 creatures in a zoo. Find the type of creature that has 90 creatures presense in the zoo.



- (i) Wild animals (ii) Water animals (iii) Domestic animals (iv) Land animals (v) Birds
- A survey of 1320 school students was done to knowthe preferred free time activity. Find the activity that has maximum preference.



(i) Painting (ii) Singing (iii) Community work (iv) Listening music (v) Helping parents

A survey of 1380 school students was done to knowthe preferred free time activity. Find the activity that has minimum preference.



- (i) Helping parents (ii) Reading books (iii) Painting (iv) Community work (v) Listening music
- A survey of 1200 school students was done to knowthe preferred free time activity. Find the activity that has 160 student preference.



(i) Reading books (ii) Playing (iii) Painting (iv) Watching TV (v) Community work

35. The following pie chart shows 910 students of a school participating in various games. Find the game that has maximum participation.



- (i) hockey (ii) tennis (iii) shotput (iv) long jump (v) badminton
- The following pie chart shows 1330 students of a school participating in various games. Find the game that has minimum participation.



(i) cricket (ii) kabaddi (iii) chess (iv) carroms (v) running

The following pie chart shows 860 students of a school participating in various games. Find the game that has 100 student participation.



(i) chess (ii) table tennis (iii) football (iv) basketball (v) swimming

837 students of a certain locality use different modes of travel to school as given below.

38.	Mode of travel	Bicycle	Moped	Auto	School Bus	RTC Bus	Scooter	By Foot
	No. of Students	72	108	126	144	90	162	135

Find the number of students whose travelling mode is School Bus.

(i) 143 (ii) 142 (iii) 145 (iv) 144 (v) 147

The following table gives the data regarding the favourite sport of 297 students of a school. Find the pie chart sector angle for "swimming"

20		5					
39.	Sport	shotput	running	swimming	carroms	table tennis	football
	No. of students	18	27	36	54	99	63

(i) 44.64° (ii) 45.64° (iii) 42.64° (iv) 43.64° (v) 41.64°

A man earns Rs 4140 per month. His expenditure during a month is as follows. Find the pie chart sector angle for "Water"

Δ	()	
-	v	•

Item	Loan	Dish bill	Misc.	Net bill	Insurance	Clothing	Water	Food
Expenses (in rupees)	90	225	405	540	585	630	900	765
(i) 80.26° (ii) 76.26°	(iii) 7	8.26° (iv) 79.2	26° (v)	77.26°			

41. Pie-diagram consists of

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

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

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

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

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

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