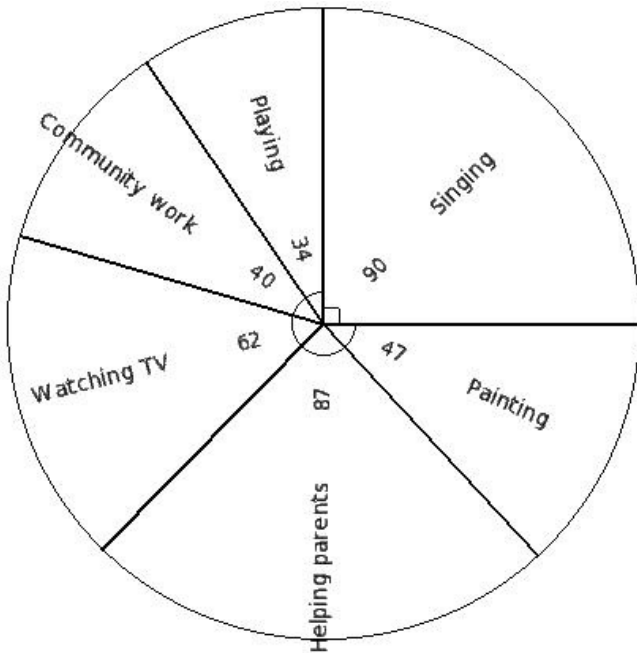




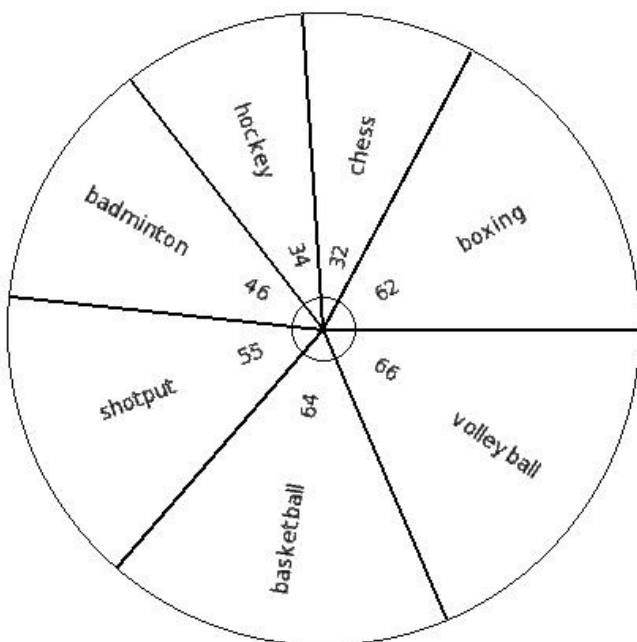
1. Find the mean of the first 15 even numbers.
(i) 15 (ii) 19 (iii) 16 (iv) 17 (v) 13

2. A survey of 1160 school students was done to know the preferred free time activity. Find the activity that has maximum preference.



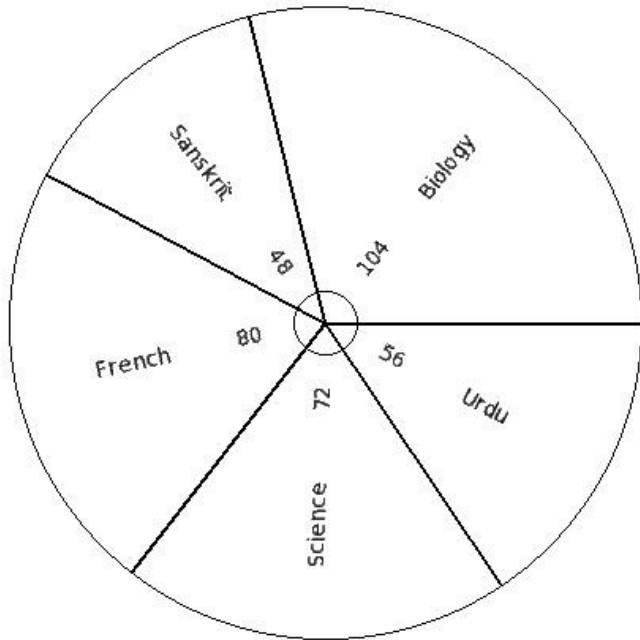
- (i) Painting (ii) Singing (iii) Playing (iv) Helping parents (v) Watching TV

3. The following pie chart shows 1570 students of a school participating in various games. Find the game that has 150 student participation.



- (i) basketball (ii) badminton (iii) hockey (iv) volleyball (v) boxing

4. The total marks obtained by Satish in his annual exam are 225 as shown below. Find the subject that has 30 score.



- (i) Urdu (ii) French (iii) Biology (iv) Science (v) Sanskrit

5. The marks obtained by 15 students in a test are given below. Find their mean marks.

29 40 38 9 49 3 45 3 8 9 29 49 34 28 31

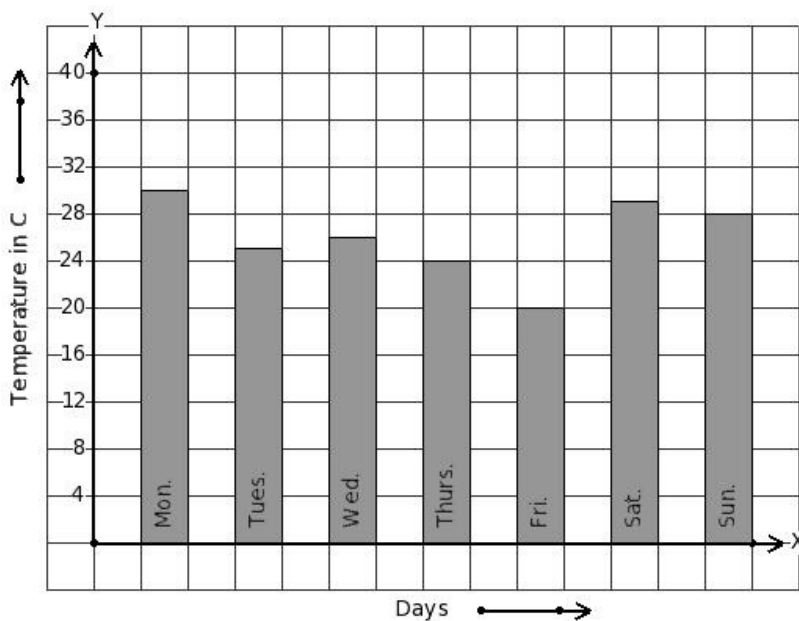
- (i) $\frac{352}{13}$ (ii) $\frac{406}{15}$ (iii) $\frac{134}{5}$ (iv) $\frac{404}{15}$ (v) $\frac{456}{17}$

6. The marks obtained by 14 students in a test are given below. Find the mean of their marks when the marks of each student is increased by 9.

1 50 34 27 11 10 50 8 24 14 46 46 38 26

- (i) $\frac{145}{4}$ (ii) $\frac{73}{2}$ (iii) $\frac{71}{2}$ (iv) 37 (v) $\frac{75}{2}$

7. Following bar graph gives the average temperature of a place during a week. Find the day that has maximum temperature.



- (i) Thurs. (ii) Tues. (iii) Mon. (iv) Sun. (v) Sat.

8. The number of children in 19 families are given below. Identify the frequency distribution table for the given data.
0 4 1 2 2 4 5 3 5 2 1 3 1 5 5 0 4 2 3

(i)

No. of children	0	1	2	3	4	5
No. of families	4	4	2	4	2	3

(ii)

No. of children	0	1	2	3	4	5
No. of families	2	3	4	3	3	4

(iii)

No. of children	0	1	2	3	4	5
No. of families	2	3	5	2	3	4

(iv)

No. of children	0	2	3	4	5
No. of families	5	2	4	4	4

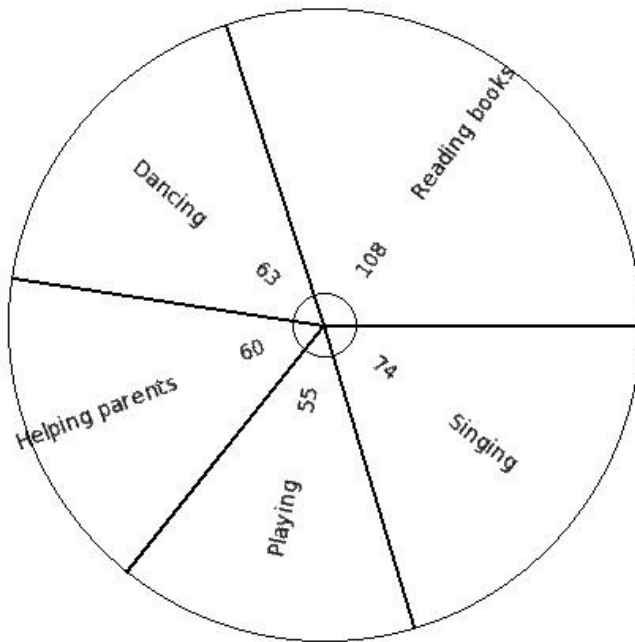
9. There are 9990 creatures in a zoo as shown below. Find the pie chart sector angle for "Beast animals"

9.

Type of creatures	Water animals	Beast animals	Wild animals	Land animals	Reptiles	Birds	Domestic animals
No. of creatures	630	990	1530	1710	1800	1890	1440

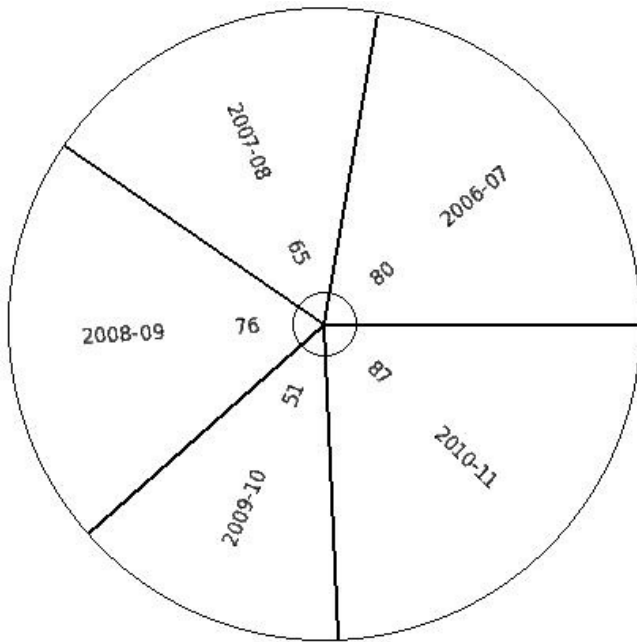
- (i) 33.68° (ii) 34.68° (iii) 35.68° (iv) 37.68° (v) 36.68°

10. A survey of 180 school students was done to know the preferred free time activity. Find the number of students who prefer "Playing".



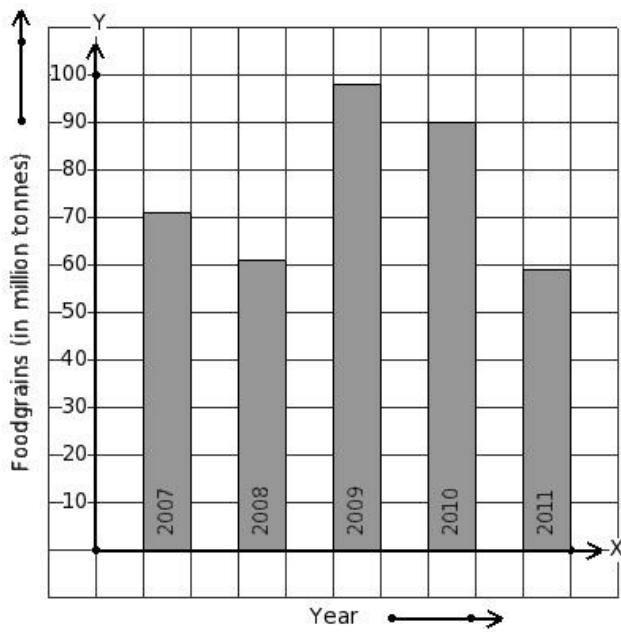
- (i) 26 (ii) 25 (iii) 30 (iv) 28 (v) 31

11. The total export earnings of ₹805 thousand crore of a country during five years is shown below. Find the year that has minimum export earnings.



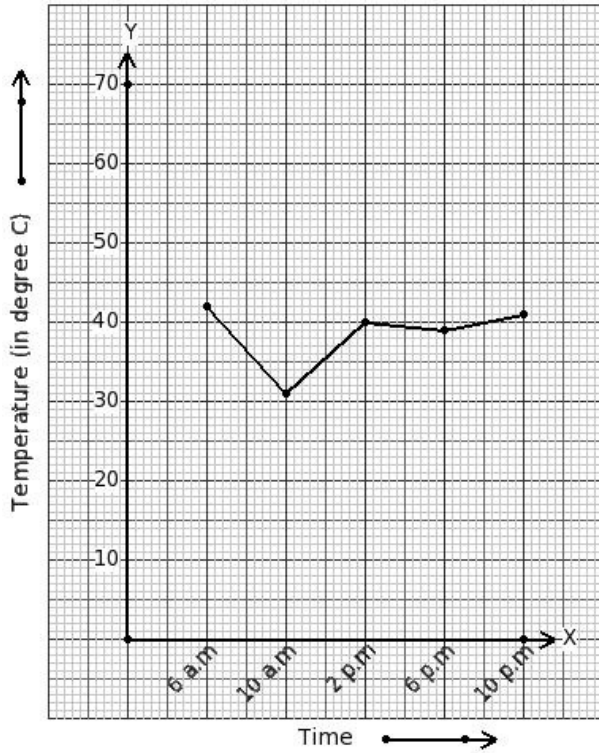
- (i) 2010-11 (ii) 2008-09 (iii) 2006-07 (iv) 2009-10 (v) 2007-08

12. Read the column-graph given below. Find the year that has maximum food grains production.



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

13. Kajal fell sick. Her doctor maintained a record of her body temperature, taken every four hours. The following line graph gives data regarding her body temperature. Identify the table for the given line graph.



- (i)

Time	6 a.m	10 a.m	2 p.m	6 p.m	10 p.m
Temperature (in degree C)	42	31	40	39	41
- (ii)

Time	6 a.m	10 a.m	2 p.m	6 p.m	10 p.m
Temperature (in degree C)	42	31	40	45	41
- (iii)

Time	6 a.m	10 a.m	2 p.m	6 p.m	10 p.m
Temperature (in degree C)	42	31	40	39	33
- (iv)

Time	6 a.m	10 a.m	2 p.m	6 p.m	10 p.m
Temperature (in degree C)	42	31	33	39	41
- (v)

Time	6 a.m	10 a.m	2 p.m	6 p.m	10 p.m
Temperature (in degree C)	42	38	40	39	41

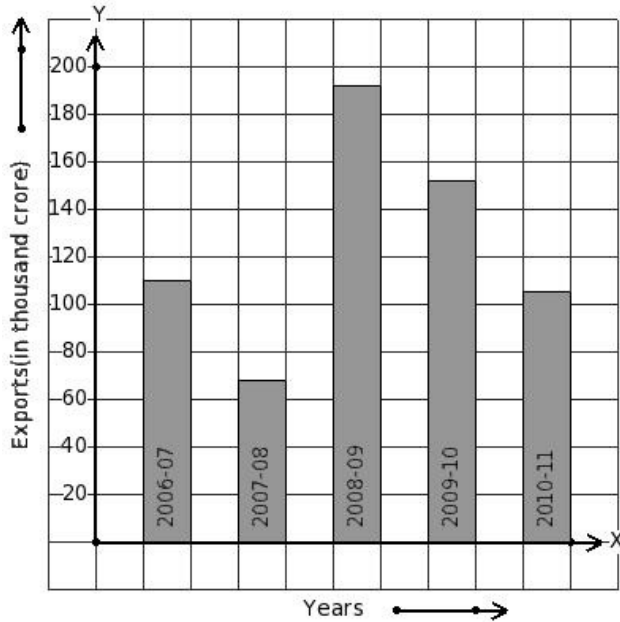
14. The scores obtained by 8 students in a test are given below. Find the mean score. 5 5 19 5 6 5 15 17

- (i) 14 (ii) $9\frac{5}{8}$ (iii) 5 (iv) $5\frac{1}{2}$ (v) 19

15. Heights of 10 students (in cm) are given below. Find the mean height.
159 174 164 172 175 168 164 147 163 158

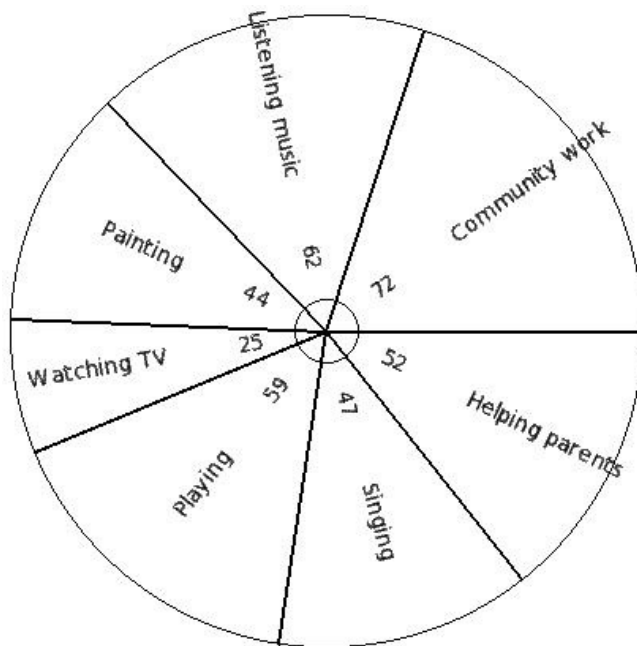
- (i) $\frac{824}{5}$ cm (ii) $\frac{827}{5}$ cm (iii) $\frac{822}{5}$ cm (iv) $\frac{832}{5}$ cm (v) $\frac{823}{5}$ cm

16. The following bar graph shows the export earnings of a country (in thousand crore) during five years. Find the year that has minimum export earnings.



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

17. A survey of 1460 school students was done to know the preferred free time activity. Find the activity that has minimum preference.



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

Ages of 25 students are given below. Find the mean.

Age (in years)	10	11	12	13	14	15
No. of students	8	5	2	4	2	4

- (i) 12 years (ii) $\frac{301}{25}$ years (iii) $\frac{299}{25}$ years (iv) $\frac{349}{25}$ years (v) $\frac{324}{25}$ years

The following table gives the data regarding the favourite sport of 414 students of a school. Find the pie chart sector angle for "volleyball"

Sport	tennis	chess	boxing	cricket	basketball	volleyball
No. of students	72	54	99	90	18	81

- (i) 72.43° (ii) 68.43° (iii) 71.43° (iv) 70.43° (v) 69.43°

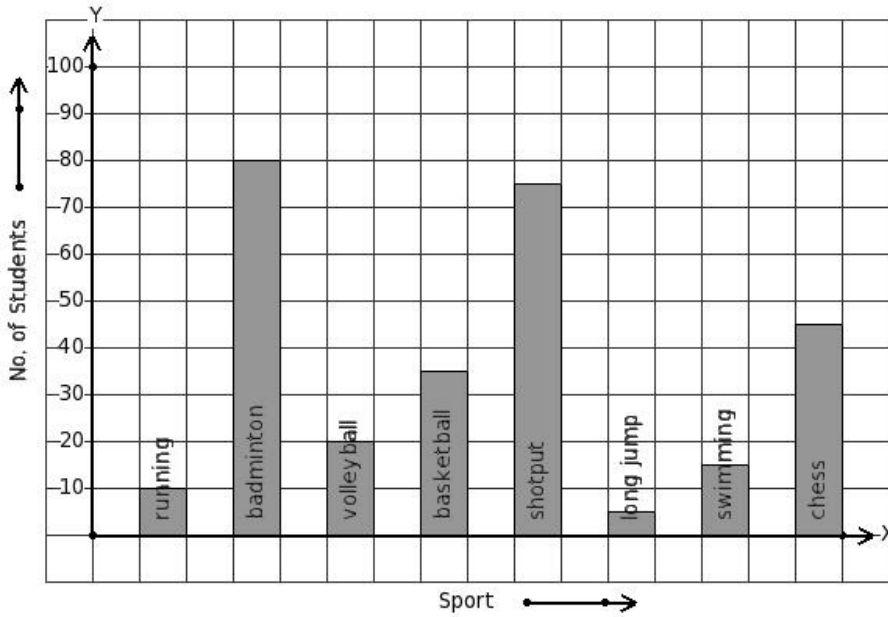
Rainfall of 30 days are given below. Find the mean.

20.

Rainfall (in mm)	5	6	7	8	9	10	11	13	14	15
No. of days	4	3	1	3	2	6	1	4	3	3

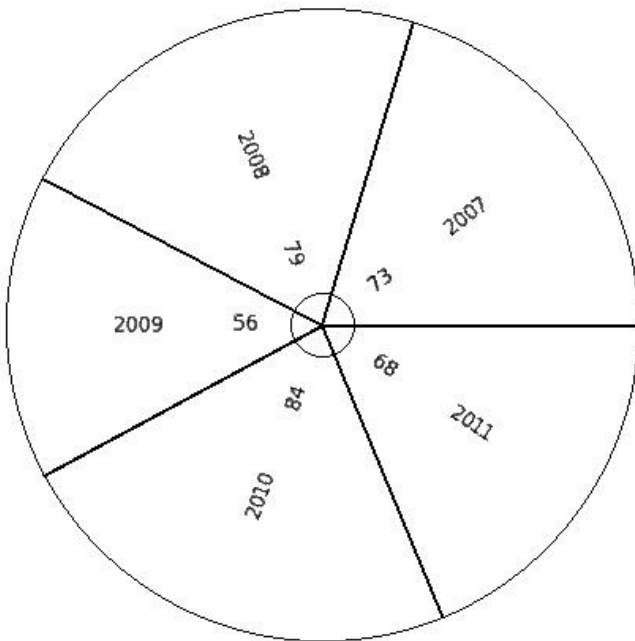
- (i) $\frac{109}{10}$ mm (ii) $\frac{99}{10}$ mm (iii) $\frac{101}{10}$ mm (iv) 10mm (v) $\frac{119}{10}$ mm

21. Given the bar graph, find the maximum frequency



- (i) 85 (ii) 90 (iii) 80 (iv) 75 (v) 95

22. Shown below is the total food grain production of 320 million tonnes over 5 years. Find the year that has minimum food grain production.



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

Shown below is the total food grain production of 3870 million tonnes over 5 years. Find the pie chart sector angle for "2009"

23.

Years	2007	2008	2009	2010	2011
Foodgrains (in million tonnes)	450	630	720	990	1080

- (i) 67.98° (ii) 68.98° (iii) 66.98° (iv) 64.98° (v) 65.98°

The total export earnings of ₹3510 crores of a country during five years is shown below. Find the pie chart sector angle for "2009-10"

24.

Years	2006-07	2007-08	2008-09	2009-10	2010-11
Exports(in thousand crore)	360	450	630	990	1080

- (i) 101.54° (ii) 103.54° (iii) 102.54° (iv) 99.54° (v) 100.54°

25. Pie-diagram consists of

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

Assignment Key

1) (iii)	2) (ii)	3) (iii)	4) (v)	5) (iv)	6) (ii)
7) (iii)	8) (ii)	9) (iii)	10) (iv)	11) (iv)	12) (ii)
13) (i)	14) (ii)	15) (iii)	16) (ii)	17) (iv)	18) (iii)
19) (iv)	20) (ii)	21) (iii)	22) (v)	23) (iii)	24) (i)
25) (i)					