

Shown below is the total food grain production of 2160 million tonnes over 5 years. Find the pie chart sector angle for "2008"

Years	2007	2008	2009	2010	2011
Foodgrains (in million tonnes)	180	270	450	540	720

(i) 44.00° (ii) 46.00° (iii) 43.00° (iv) 47.00° (v) 45.00°

2. Find the mean of the first 10 odd numbers.

1.

(i) 11 (ii) 10 (iii) 8 (iv) 9 (v) 12

Temperatures of 13 days (in °C) are given below. Find the median temperature.

· 25 25 29 25 34 35 26 33 34 26 31 27 35

(i) 29 °C (ii) 30 °C (iii) 28 °C (iv) 27 °C (v) 31 °C

4. Following bar graph gives the average temperature of a place during a week. Find the day that has 23 $^\circ\mathrm{C}$ temperature.



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

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



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



(i) high jump (ii) long jump (iii) shotput (iv) boxing (v) cricket

 Daily wages of 14 labourers (in ₹) are given below. Find the mode wage.

 7.
 320 358 367 324 305 345 430 381 430 487 373 302 477 430

(i) ₹429.00 (ii) ₹430.00 (iii) ₹428.00 (iv) ₹432.00 (v) ₹431.00

The marks obtained by 10 students in a test are given below. Find the mean of their marks when the marks of 8. each student is decreased by 5.

- 13 31 21 14 33 8 33 26 30 48
 - (i) $\frac{41}{2}$ (ii) $\frac{207}{10}$ (iii) $\frac{167}{8}$ (iv) $\frac{247}{12}$ (v) $\frac{209}{10}$

9. Find the median of all the factors of 10.

(i) $\frac{7}{2}$ (ii) $\frac{5}{2}$ (iii) $\frac{13}{4}$ (iv) 4 (v) $\frac{9}{2}$

10. Find the median of all the factors of 20.

(i)
$$\frac{17}{4}$$
 (ii) $\frac{7}{2}$ (iii) $\frac{9}{2}$ (iv) $\frac{11}{2}$ (v) 5

11. The number of bars present in the bar chart of the following table is



(i) 7 (ii) 8 (iii) 6 (iv) 4 (v) 10

Heights of 14 plants (in cm) are given below. Find the median height. 12. 54 59 83 66 89 76 63 60 88 86 60 84 52 64

(i) 66 cm (ii) 64 cm (iii) 63 cm (iv) 65 cm (v) 67 cm

13. Find the median of the first 15 even numbers.

(i) 19 (ii) 16 (iii) 15 (iv) 13 (v) 17

Daily wages of 15 labourers (in ₹) are given below. Find the median wage.
409 441 357 498 446 457 400 470 473 314 306 387 462 439 355
(i) ₹437.00 (ii) ₹440.00 (iii) ₹439.00 (iv) ₹438.00 (v) ₹441.00



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

 Weights of 15 students (in kg) are given below. Find the mode weight.

 16.
 56
 43
 54
 40
 51
 59
 52
 60
 45
 42
 53
 41
 59
 53

(i) 51 kg (ii) 53 kg (iii) 54 kg (iv) 55 kg (v) 52 kg

17. The total marks obtained by Varun in his annual exam are 490 as shown below. Find the marks in "Biology".







Given the mean of 12 samples as $4\frac{1}{3}$, 19.

what is the new mean if two samples 4 and 4 are removed ?

(i)
$$\frac{14}{3}$$
 (ii) $\frac{24}{5}$ (iii) 4 (iv) $\frac{22}{5}$ (v) $\frac{30}{7}$





21. Read the column-graph given below. Find the year that has minimum food grains production.





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

- (i) Water animals (ii) Domestic animals (iii) Land animals (iv) Birds (v) Reptiles
- 23. The total export earnings of ₹2160 crores of a country during five years is shown below. Find the earnings (in crores) in 2006-07.



(i) 574 (ii) 579 (iii) 573 (iv) 578 (v) 576

Heights of 14 students (in cm) are given below. Find the median height. 24. 167 168 163 156 148 175 143 125 164 158 134 173 138 167

(i)
$$\frac{323}{2}$$
 cm (ii) $\frac{321}{2}$ cm (iii) 161 cm (iv) $\frac{325}{2}$ cm

25. Weights of 12 students (in kg) are given below. Find the median weight. 44 53 43 55 59 51 52 49 55 40 53 57

(i)
$$\frac{105}{2}$$
 kg (ii) $\frac{109}{2}$ kg (iii) $\frac{107}{2}$ kg (iv) 53 kg

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

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