



INDIAN SCHOOL NIZWA- WORKSHEET

MATHEMATICS

CH-3 Data Handling

Name: _____

Date: _____

Class: VII Sec: __

1. Find the **MEAN** of the following:

i. 3,5,2,6,5,9,5,2,7,4 and 6

ii. First 8 odd numbers.

iii. First 10 two- digit numbers.

iv. First seven multiples of 9.

v. 3, -7, 5, -13 and -2.

vi. First five prime numbers.

2. Find the mean, median and mode of the data:

12m, 20m, 14m, 21m, 8m, 16m, 14m.

3. Find the median of the first 4 common multiples of 4 and 12.

4. Find the median of the first 7 composite numbers.

5. If the range of 10 observations is 68 and the lowest score of the data is 35, then find the highest score of the data.

6. The arithmetic mean of 5 given numbers is 85. What is their sum?

7. If mean of 9, 5, 7, x , 6 is 6, find the value of x .

8. State whether the given statements are **true** or **false**

(i) Mean of the data is always from the given data.

(ii) The range of the data 2, 9, 6,5, 8 would change if 3 was added to each value in the data.

9. Observe the following data and answer the questions that follow :

Days of the Week	Mon	Tue	Wed	Thu	Fri	Sat
No. of plants planted by students in a shchool	25	45	35	38	40	30

(i) Draw a bar graph to represent the above given information.

(ii) On which day of the week the maximum number of plants planted?

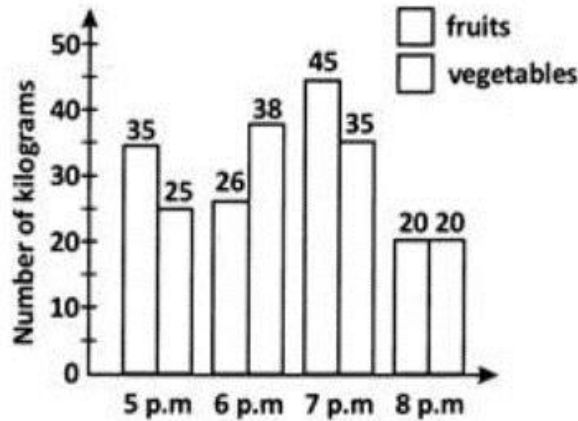


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(iii) Find the ratio of the minimum and maximum number of plants planted.

(iv) Find the total number of plants planted.

10. The following double bar graph shows sale of fruits (1st bar) and vegetables (2nd bar) in a store. Observe the graph and answer the following questions.



a) How many kg of vegetables were sold on that day?

b) How many kg of fruits were sold at 7 pm?

11. The below data represents marks scored by a student in different subjects for Term1 and Term 2. Construct a double bar graph for the data.

SUBJECT	ENGLISH	MATHEMATICS	SCIENCE	SOCIAL	HINDI
TERM 1	48	98	83	66	73
TERM 2	85	75	56	85	91

12. **CASE STUDY**

Nowadays health is big concern and most of the educated people are doing yoga, aerobics, cycling etc. for it. Cycling promotes good health and physical fitness. It is fun filled, healthy and a low impact form of exercise for all ages.

The number of rounds cycled in a park in 5 minutes by 10 children are as follows:

8, 6, 7, 8, 5, 6, 8, 5, 8, 9



Based on the above information answer the following questions.

- What is the range of the given data?
- What is the average number of rounds cycled by the children?
- Find the modal number of rounds cycled by the children.