

INTERNATIONAL INDIAN SCHOOL

BURAI DAH

Worksheet For The Academic Year 2026-27

CLASS: VI SUBJECT: Mathematics DATE: 18/09/2026

LESSON-4 Data Handling & Presentation

- 1) Information collected with a purpose is called data.
- 2) The data collected after arranging it is called an organised data.
- 3) Data can be organised by arranging it in ascending order or descending order or in the form of a table.
- 4) Data arranged in the form of a table is called a frequency distribution table.
- 5) We can represent the arranged data visually as a Pictograph or a Bar Graph.
- 6) Which type of graph is used when the data is large? Bar Graph
- 7) A Bar Graph is drawn using bars of uniform width.
- 8) If a scale shows 1 unit = 10 vehicles , then a bar of height 7 units represents 70 vehicles.
- 9) Tally marks make the data easy to count.
- 10) Representation of data in the form of picture is called pictograph.
- 11) Is it correct that tally mark in (a) represents the number 8?

(a) |||| ||||

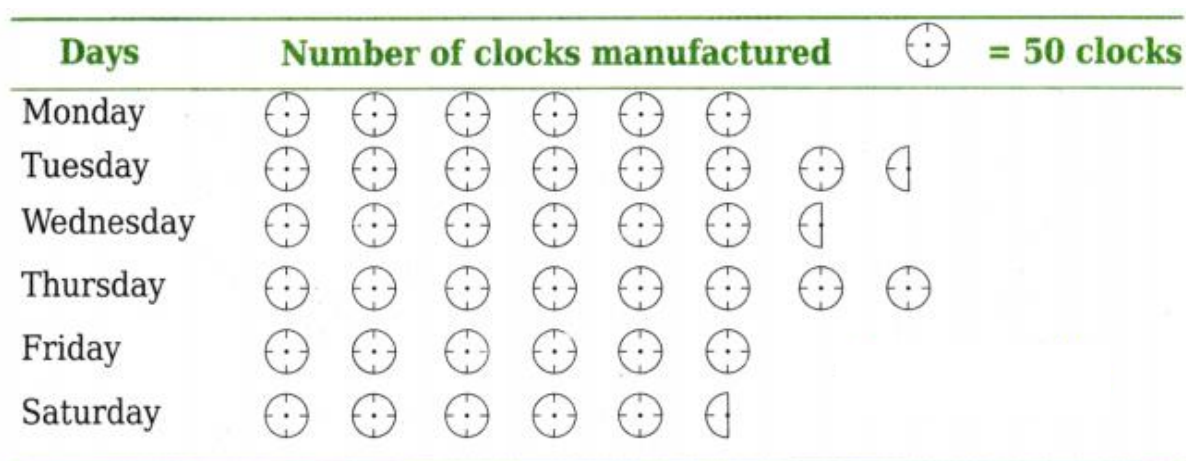
(b) |||| ||||

(c) |||| ||

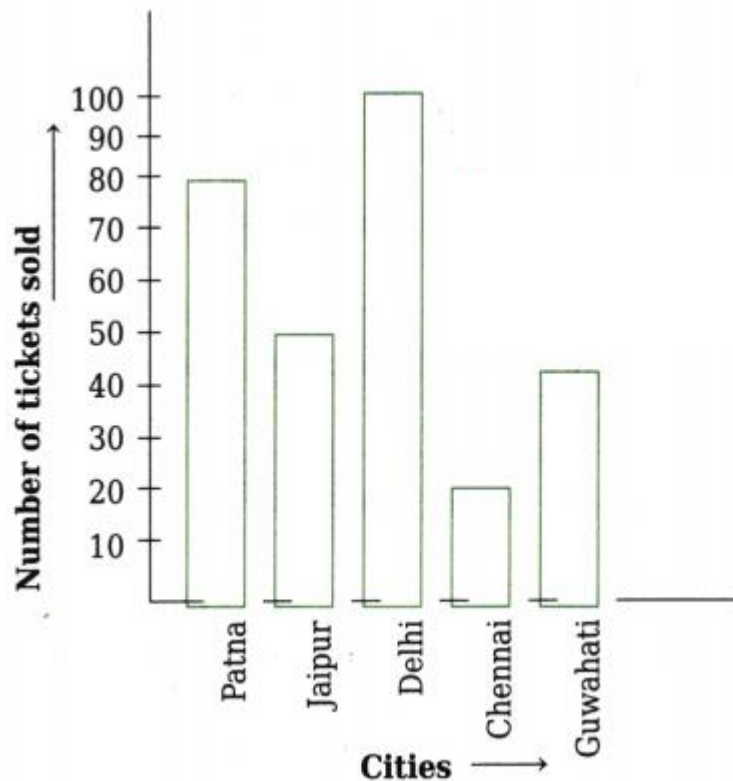
(d) |||| ||||

- 12) A symbol is used to represent 50 flowers. 15 symbols are to be drawn to show 750 flowers.
- 13) In a bar graph, space between rectangles is always equal.
- 14) When data visualisations are presented with more extensive artistic and beautified imagery, they are called infographics.

- 15) Mohit is playing with a dice. He threw the dice 40 times and noted the outcomes as follows.
 1, 2, 1, 5, 3, 5, 5, 3, 2, 2, 1, 6, 6, 6, 4, 6, 3, 5, 2, 3, 3, 5, 4, 1, 5, 5, 2, 2, 4, 5, 5, 2, 4, 1, 6, 6, 1, 5, 6, 1.
 Prepare a table using tally marks.
- 16) The following data represents the weekly wages (in ₹) of 20 workers in a factory. Arrange them in ascending or descending order and answer the following questions.
 850, 800, 750, 900, 750, 800, 950, 900, 950, 750, 800, 850, 800, 850, 900, 950, 700, 1000, 900, 750.
- (a) How many workers are getting less than ₹ 850 per week?
 (b) How many workers are getting more than ₹ 800 per week?
- 17) The number of clocks manufactured by a factory in a particular week, is shown below.



- Observe the above pictograph and answer the following questions,
- (a) On which day were the least number of clocks manufactured?
 (b) On which day were the maximum number of clocks manufactured in the particular week and how many?
 (c) How many clocks were manufactured on Wednesday?
- 18) The following graph gives the information about the number of railway tickets sold for different cities on a railway ticket counter between 6:00 am to 10:00 am. Read the bar graph and answer the following questions.



- How many tickets were sold in all?
- For which city were the maximum number of tickets sold?
- For which city were the minimum number of tickets sold?
- Name the cities for which the number of tickets sold is more than 20.
- Number of tickets sold for Delhi and Jaipur together exceeds the total number of tickets sold for Patna and Chennai by _____.

19) Mr. Suzuki is the chief engineer of a Maruti Van manufacturing unit set up in Delhi. The following pictograph shows the number of Maruti Van manufactured by Maruti Suzuki's team during a week. Read the table and answer the questions that follow.

Days	Number of Maruti Vans manufactured	 = 100 Maruti Vans
Monday	   	
Tuesday	 	
Wednesday		
Thursday	     	
Friday	   	
Saturday	  	

- On which day were the least number of Maruti Vans manufactured?

- (ii) Find the number of Maruti Vans manufactured on Wednesday.
 (iii) On which day were the maximum number of Maruti Vans manufactured?
 (iv) Find out the total number of Maruti Vans manufactured in the particular week?
 (v) On which days were the same number of Maruti Vans manufactured?
- 20) The modes of transport used by different students of a school is given.
 Draw a pictograph for the data.

Transport	Bus	Cycle	Scooter	Train	Autorickshaw	Walking
No.of students	20	12	8	24	12	16

- 22) In a school there are five sections of Class-7. The number of students in each section is given below. Represent the data as a bar graph.

Sections	A	B	C	D	E
No.of students	40	45	42	36	38

- 23) The data collected in the beginning which is not arranged is called raw or ungrouped data.
- 24) In a pictograph one symbol represents 6 persons , then how many symbols should be drawn to show 30 persons?
- 25) For which information do we need to collect data?
 a) games liked by children of class-6 b) date of Saudi National Day
- 26) Bar graphs can be drawn horizontally or vertically , but commonly drawn vertically.

Answers

- 11) wrong 16) a) 9 b) 11 17) a) Saturday b) Thursday – 400 c) 325
 18) a) 295 b) Delhi c) Chennai d) Patna , Jaipur , Delhi , Guwahati e) 50
 19) (i) Wednesday (ii) 100 (iii) Thursday (iv) 2000
 (v) Monday & Friday
- 24) 5 25) (a)