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CLASS – 6

MATHEMATICS

Chapter – 4

Data Handling and Presentation

Part – 4

Drawing Pictographs

Lavish Aggarwal

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OVERVIEW

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1. Collecting and Organising Data
2. Pictographs
3. Bar Graphs
4. Infographics

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DRAWING PICTOGRAPHS

Example :

One day, Lakhanpal collected data on how many students were absent in each class :

Class	I	II	III	IV	V	VI	VII	VIII
Number of Students	3	5	4	2	0	1	5	7

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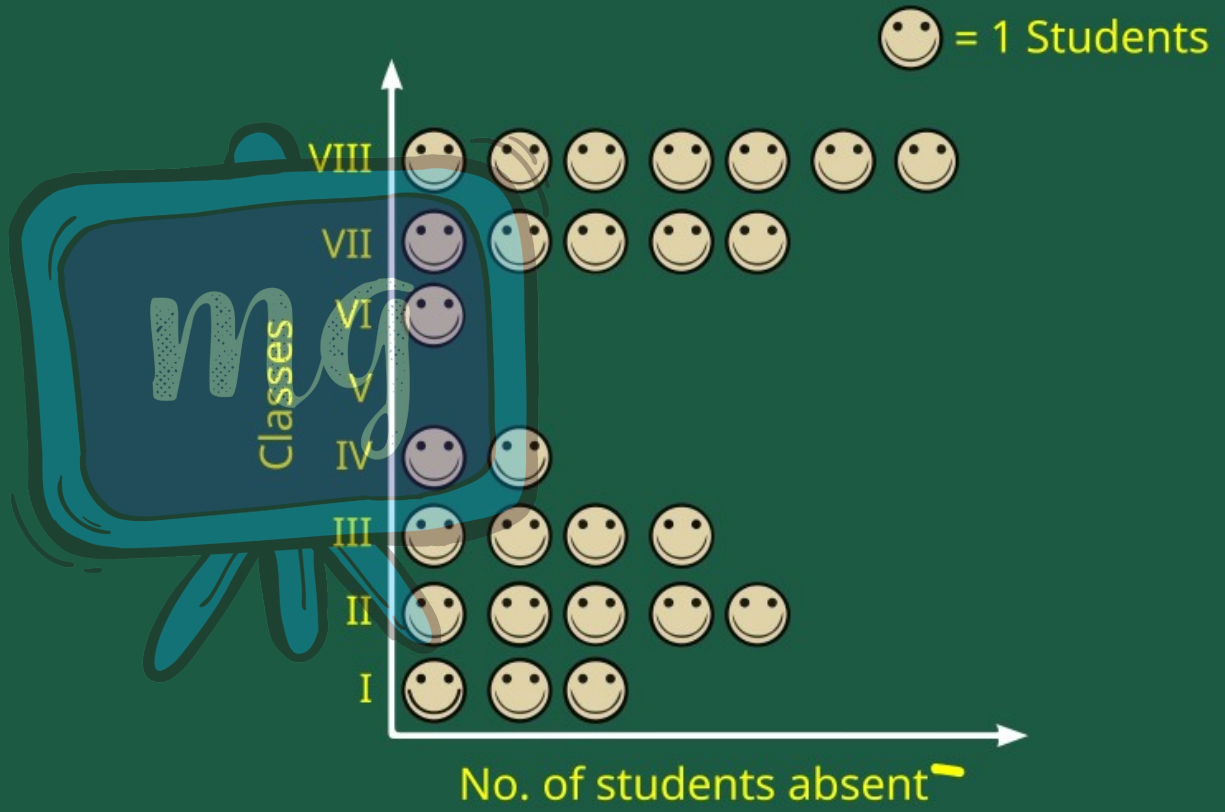

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Meanwhile, his friends Jarina and Sangita collected data on how many students were present in each class:

Class	I	II	III	IV	V	VI	VII	VIII
Number of Students	30	35	20	25	30	25	30	20

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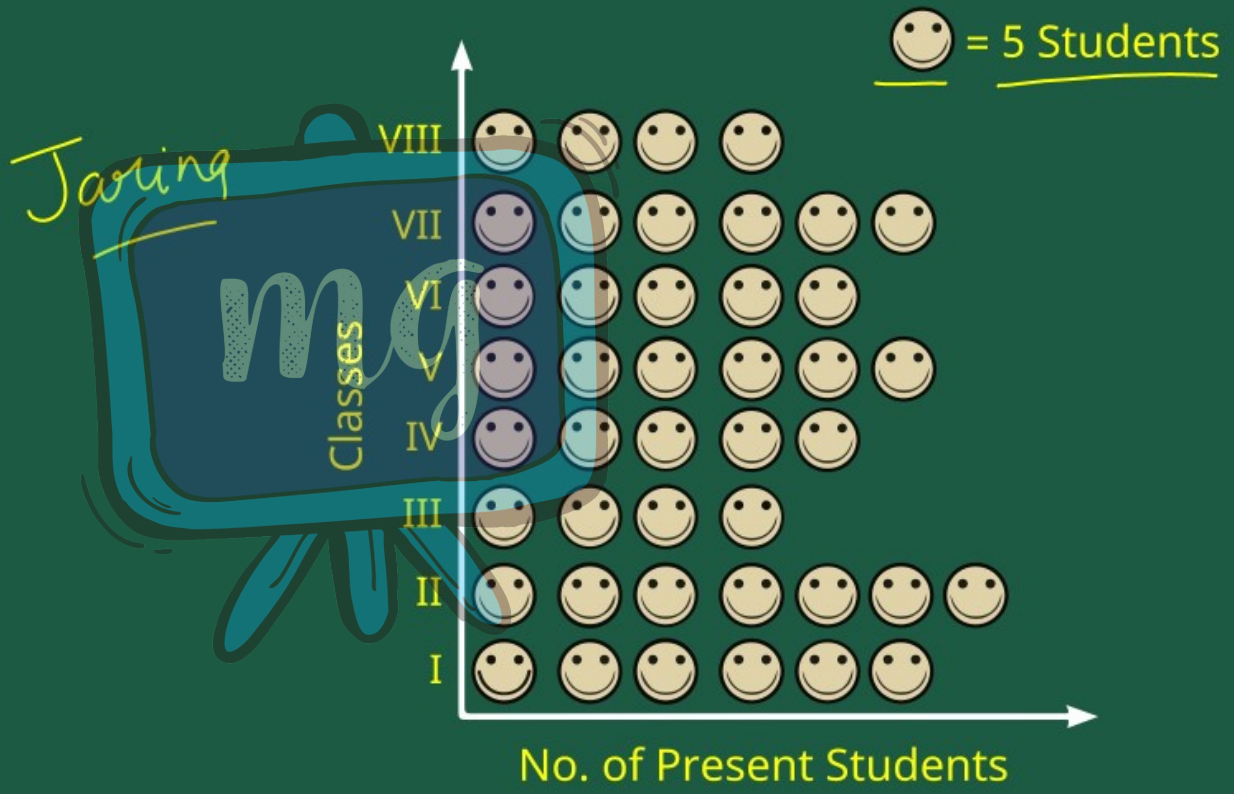

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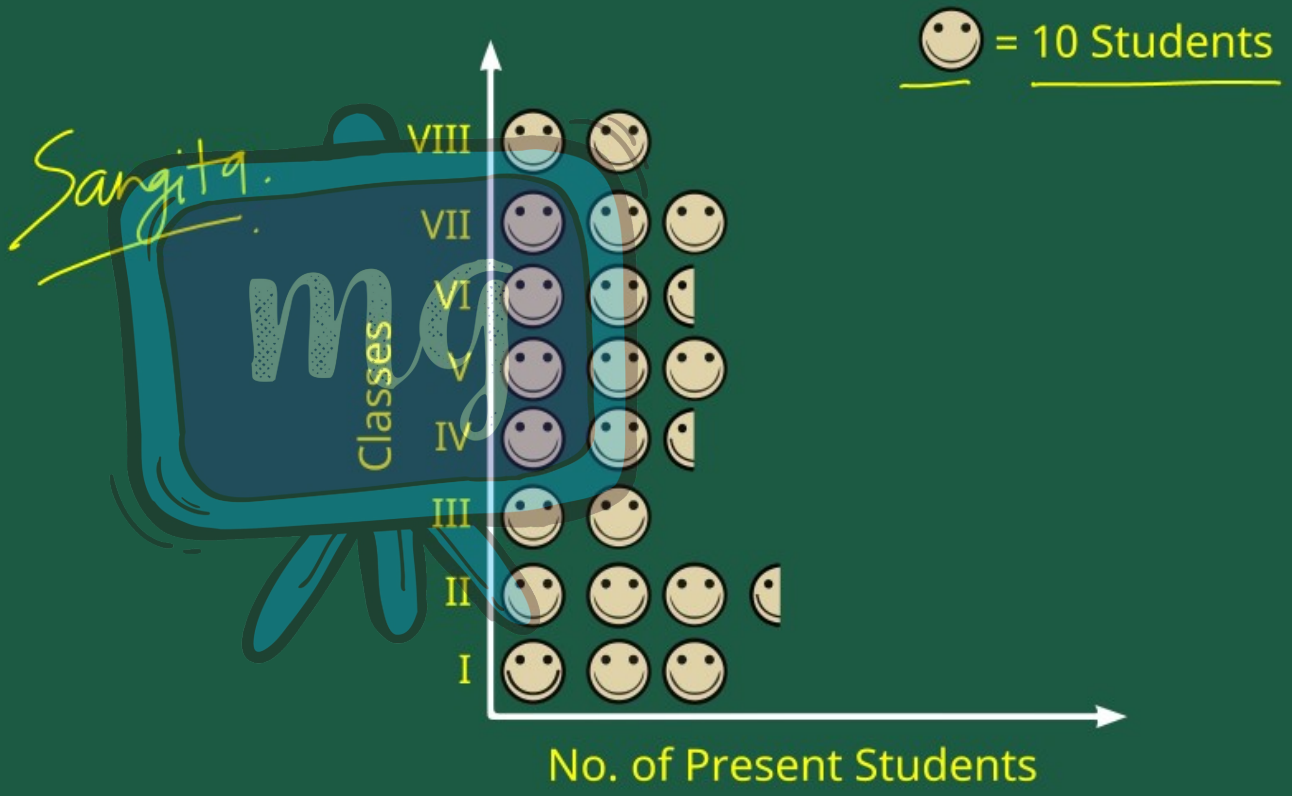

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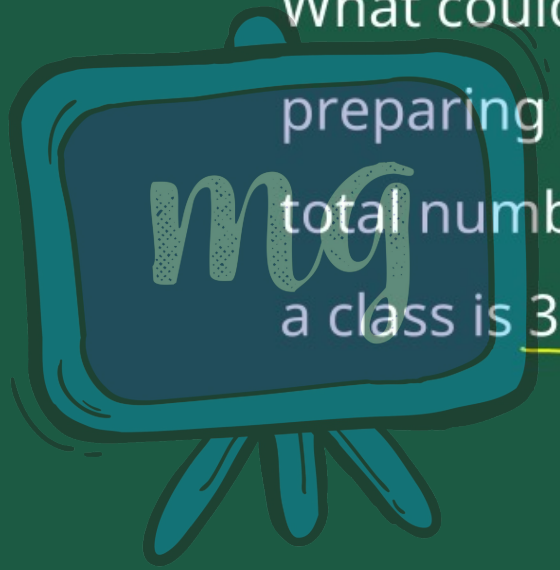
Try it :

What could be the problems faced in preparing such a pictograph, if the total number of students present in a class is 33 or 27 ?



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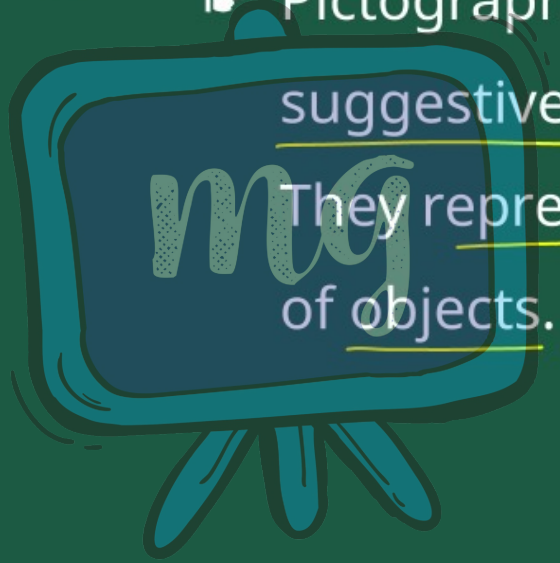
Important Points

- Pictographs are a nice visual and suggestive way to represent data. They represent data through pictures of objects.



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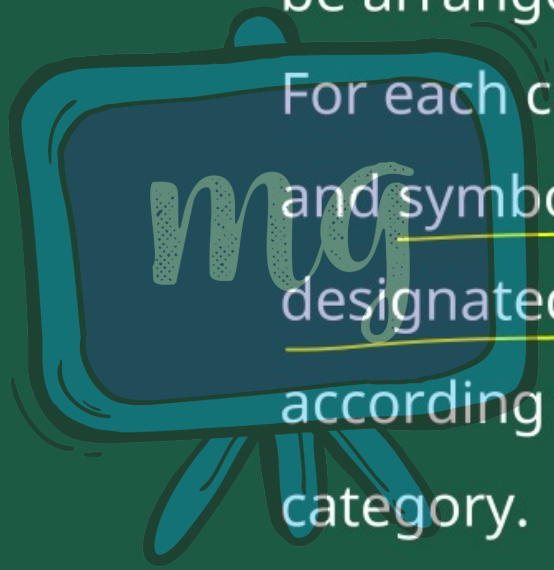

- In a pictograph, the categories can be arranged horizontlly or vertically. For each category, simple pictures and symbols are then drawn in the designated columns or rows according to the frequency of that category.

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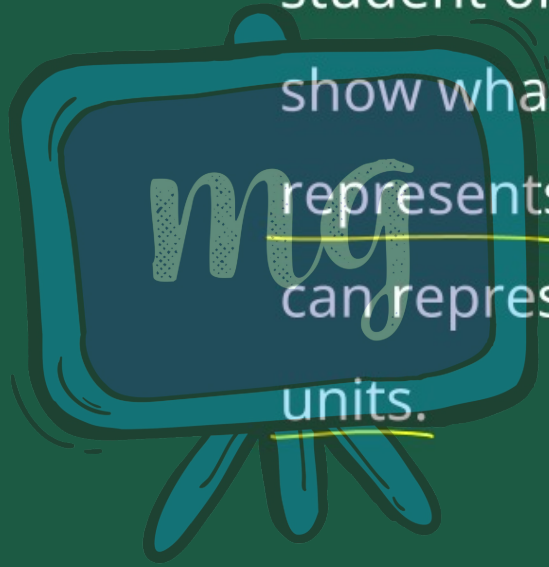

- A scale or key (for example, 😊 : 1 student or 😊 : 5 students) is added to show what each symbol or picture represents. Each symbol or picture can represent one unit or multiple units.

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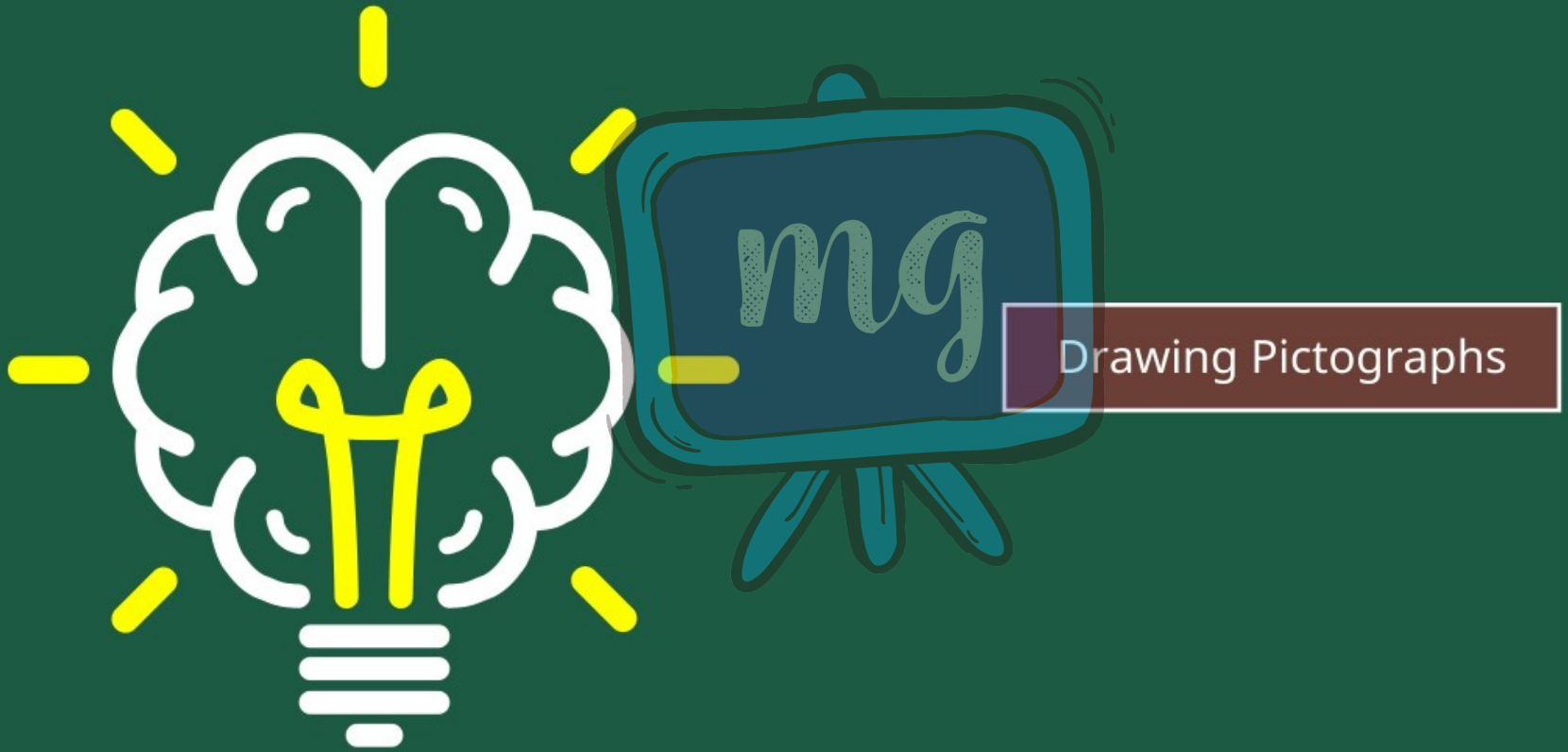

Drawing Pictographs

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ASSESSMENT

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1 Draw pictograph for the number of wrist watches manufactured by a factory in a week.

Days	Mon	Tue	Wed	Thu	Fri	Sat
Number of watches	600	750	650	800	600	550

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ASSESSMENT

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Answer :

Days	Mon	Tue	Wed	Thu	Fri	Sat
Number of watches	600	750	650	800	600	550

Day	= 100 Wrist Watches
Mon	
Tues	
Wed	
Thu	
Fri	
Sat	