

Maharashtra Board Solutions Class 6-Maths

(Practice Set 18): Chapter 6- Bar Graphs



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Maharashtra Board Solutions Class 6-Maths (Practice Set 18): Chapter 6- Bar Graphs

Class 6: Maths Chapter 6 solutions. Complete Class 6 Maths Chapter 6 Notes.

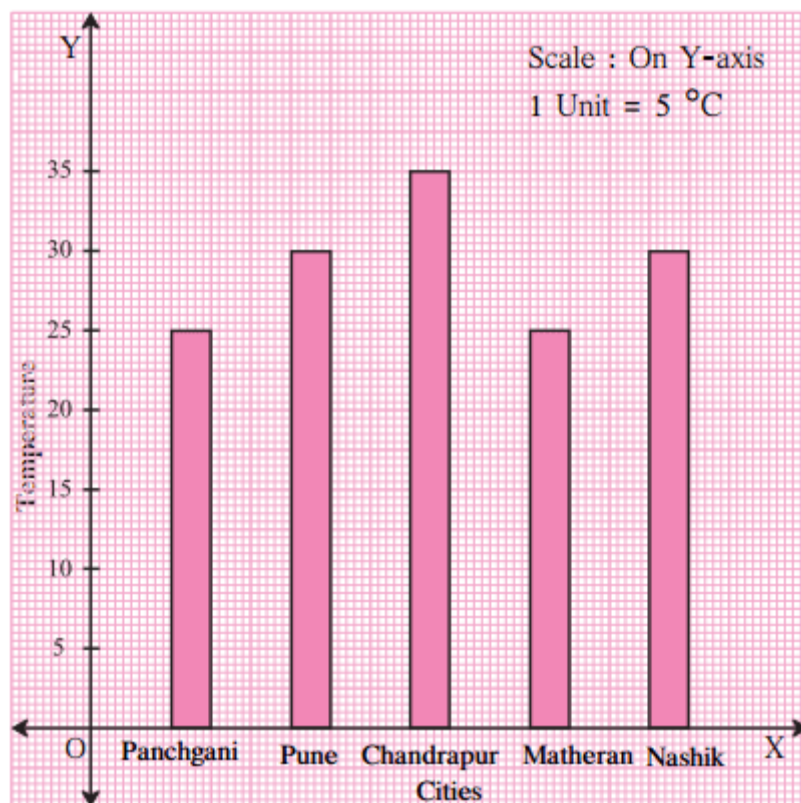
Maharashtra Board Solutions Class 6-Maths (Practice Set 18): Chapter 6- Bar Graphs

Maharashtra Board 6th Maths Chapter 6, Class 6 Maths Chapter 6 solutions

Question 1.

This bar graph shows the maximum temperatures in degrees Celsius in different cities on a certain day in February. Observe the graph and answer the questions:

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1. What data is shown on the vertical and the horizontal lines?
2. Which city had the highest temperature?
3. Which cities had equal maximum temperatures?
4. Which cities had a maximum temperature of 30 °C?
5. What is the difference between the maximum temperatures of Panchgani and Chandrapur?

Solution:

1. Temperature is shown on the vertical line and cities are shown on the horizontal line.
2. The city Chandrapur had the highest temperature.
3. Pune and Nashik had the equal maximum temperature of 30°C and Panchgani and Matheran had the equal maximum temperature of 25°C.
4. Pune and Nashik had a maximum temperature of 30 °C.
5. The difference between the maximum temperatures of Panchgani and Chandrapur can be calculated as
Difference in temperature = Temperature of Chandrapur – Temperature of Panchgani
 $= 35^{\circ}\text{C} - 25^{\circ}\text{C}$
 $= 10^{\circ}\text{C}$

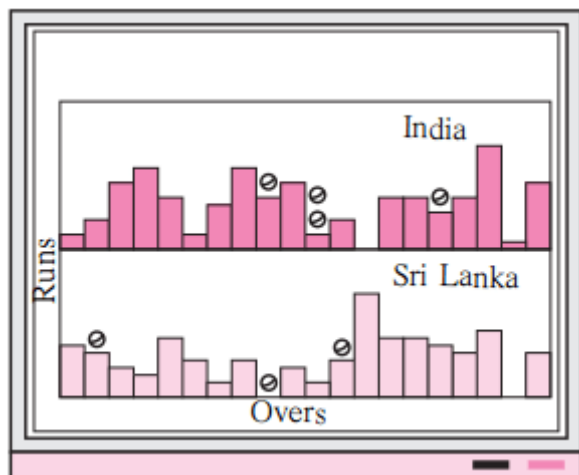
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Questions and Activities

Question 1.

Observe the picture alongside: (Textbook pg. no. 35)

1. To which sport is this data related?
2. How many things does the picture tell us about?
3. What shape has been used in the picture to represent runs?



Ans:

1. The given data is related to cricket.
2. The picture tells about runs scored in different overs by India and Sri Lanka. The represents the wickets fallen in that over.
3. To represent runs, rectangular or bar shape is used.

Question 2.

A pictogram of the types and numbers of vehicles in a city is given below.

Taking 1 picture = 5 vehicles, write the numbers in the pictogram. (Textbook pg. no.35)

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Type of Vehicle	Vehicles	Number
Bicycle		
Motor-cycle		
Auto rickshaw		
Bullock cart		

Solution:

Type of Vehicle	Vehicles	Number
Bicycle		$6 \times 5 = 30$
Motor-cycle		$5 \times 5 = 25$
Auto rickshaw		$1 \times 5 = 5$
Bullock cart		$3 \times 5 = 15$

Drawing pictograms is time consuming.

Sometimes, it is practically not possible to draw pictures for the given values (for example population of villages etc). In such cases, representing the data by making use of graphs can serve the purpose. Such data can be represented by using graphs.

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- Chapter 2- Angles (Practice Set 3)
- Chapter 3- Integers (Practice Set 4)
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- Chapter 13- Profit-Loss (Practice Set 33)
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- Chapter 15- Triangles and their Properties (Practice Set 36)
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About About Maharashtra State Board (MSBSHSE)

The Maharashtra State Board of Secondary and Higher Secondary Education or MSBSHSE (Marathi: महाराष्ट्र राज्य माध्यमिक आणि उच्च माध्यमिक शिक्षण मंडळ), is an **autonomous and statutory body established in 1965**. The board was amended in the year 1977 under the provisions of the Maharashtra Act No. 41 of 1965.

The Maharashtra State Board of Secondary & Higher Secondary Education (MSBSHSE), Pune is an independent body of the Maharashtra Government. There are more than 1.4 million students that appear in the examination every year. The Maha State Board conducts the board examination twice a year. This board conducts the examination for SSC and HSC.

The Maharashtra government established the Maharashtra State Bureau of Textbook Production and Curriculum Research, also commonly referred to as Ebalbharati, in 1967 to take up the responsibility of providing quality textbooks to students from all classes studying under the Maharashtra State Board. MSBHSE prepares and updates the curriculum to provide holistic development for students. It is designed to tackle the difficulty in understanding the concepts with simple language with simple illustrations. Every year around 10 lakh students are enrolled in schools that are affiliated with the Maharashtra State Board.

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FAQs

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Who developed the Maharashtra State board books?

As of now, the MSCERT and Balbharti are responsible for the syllabus and textbooks of Classes 1 to 8, while Classes 9 and 10 are under the Maharashtra State Board of Secondary and Higher Secondary Education (MSBSHSE).

How many state boards are there in Maharashtra?

The Maharashtra State Board of Secondary & Higher Secondary Education, conducts the HSC and SSC Examinations in the state of Maharashtra through its nine Divisional Boards located at Pune, Mumbai, Aurangabad, Nasik, Kolhapur, Amravati, Latur, Nagpur and Ratnagiri.

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