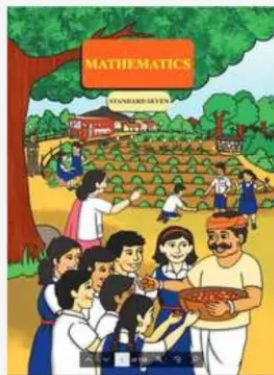


Maharashtra Board Solutions Class 7-Maths

(Practice Set 54): Chapter 15- Statistics

BOOK SOLUTIONS
CLASS 7
MATHS

CHAPTER 15
Statistics





Maharashtra Board Solutions→

For any clarifications or questions you can write to info@indcareer.com

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Maharashtra Board Solutions Class 7-Maths

(Practice Set 54): Chapter 15- Statistics

Class 7: Maths Chapter 15 solutions. Complete Class 7 Maths Chapter 15 Notes.

Maharashtra Board Solutions Class 7-Maths (Practice Set 54): Chapter 15- Statistics

Maharashtra Board 7th Maths Chapter 15, Class 7 Maths Chapter 15 solutions

Question 1.

The daily rainfall for each day of a week in a certain city is given in millimeters. Find the average rainfall during the week.

9, 11, 8, 20, 10, 16, 12

Solution:

Average rainfall during the week = $\frac{\text{sum of rainfall for each day of the week}}{\text{number of days}}$

$$= \frac{9+11+8+20+10+16+12}{7}$$

$$= \frac{86}{7}$$

$$= 12.285 \approx 12.29$$

$\therefore$ The average rainfall during the week is 12.29 mm.

Question 2.

During the annual function of a school, a Women's Self-help Group had set up a snacks stall. Their sales every hour were worth Rs 960, Rs 830, Rs 945, Rs 800, Rs 847, Rs 970 respectively. What was the average of the hourly sales?

Solution:

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Average hourly sales = $\frac{\text{sum of sales every hour}}{\text{number of hours}}$

$$= \frac{960+830+945+800+847+9706}{6}$$

$$= 53526$$

$$= \text{Rs } 892$$

∴ The average of the hourly sales was Rs 892.

Question 3.

The annual rainfall in Vidarbha in five years is given below. What is the average rainfall for those 5 years?

900 mm, 650 mm, 450 mm, 733 mm, 400 mm.

Solution:

Average rainfall for 5 years = $\frac{\text{sum of annual rainfall in five years}}{\text{number of years}}$

$$= \frac{900+650+450+733+400}{5}$$

$$= 31335$$

$$= 626.6$$

∴ The average rainfall in Vidarbha for 5 years was 626.6 mm.

Question 4.

A farmer bought some sacks of animal feed. The weights of the sacks are given below in kilograms. What is the average weight of the sacks?

49.8, 49.7, 49.5, 49.3, 50, 48.9, 49.2, 48.8.

Solution:

Average weight of the sacks = $\frac{\text{sum of weight of each sack}}{\text{number of sacks}}$

$$= \frac{49.8+49.7+49.5+49.3+50+48.9+49.2+48.8}{8}$$

$$= 395.28$$

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$$= 395280$$

$$= 49.4$$

∴ The average weight of the sacks is 49.4 kg.

Intext Questions and Activities

Question 1.

Rutuja practised skipping with a rope all seven days of a week. The number of times she jumped the rope in one minute every day is given below. Find the average number of jumps per minute.

60, 62, 61, 60, 59, 63, 58. (Textbook pg. no. 96)

Solution:

Average = $\frac{\text{Sum of the number of jumps on even days}}{\text{Total number of days}}$

$$= \frac{[60]+[62]+[61]+[60]+[59]+[63]+[58]}{7}$$

$$= 4237$$

$$= 60.42$$

∴ Average number of jumps per minute = 60.4



Maharashtra Board Solutions

Class 7 Maths

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- Chapter 1- Geometrical Constructions (Practice Set 2)
- Chapter 1- Geometrical Constructions (Practice Set 3)
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- Chapter 1- Geometrical Constructions (Practice Set 5)
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- Chapter 2- Multiplication and Division of Integers (Practice Set 8)
- Chapter 2- Multiplication and Division of Integers (Practice Set 9)
- Chapter 3- HCF and LCM (Practice Set 10)
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- Chapter 3- HCF and LCM (Practice Set 12)
- Chapter 3- HCF and LCM (Practice Set 13)
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- Chapter 4- Angles and Pairs of Angles (Practice Set 17)
- Chapter 4- Angles and Pairs of Angles (Practice Set 18)
- Chapter 4- Angles and Pairs of Angles (Practice Set 19)
- Chapter 4- Angles and Pairs of Angles (Practice Set 20)
- Chapter 4- Angles and Pairs of Angles (Practice Set 21)

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- Chapter 5- Operations on Rational Numbers (Practice Set 22)
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- Chapter 8- Algebraic Expressions and Operations on them (Practice Set 35)
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- Chapter 9- Direct Proportion and Inverse Proportion (Practice Set 37)
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- Chapter 9- Direct Proportion and Inverse Proportion (Practice Set 39)
- Chapter 10- Bank and Simple Interest (Practice Set 40)
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- Chapter 11- Circle (Practice Set 42)

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- Chapter 11- Circle (Practice Set 43)
- Chapter 12- Perimeter and Area (Practice Set 44)
- Chapter 12- Perimeter and Area (Practice Set 45)
- Chapter 12- Perimeter and Area (Practice Set 46)
- Chapter 12- Perimeter and Area (Practice Set 47)
- Chapter 13- Pythagoras Theorem (Practice Set 48)
- Chapter 13- Pythagoras Theorem (Practice Set 49)
- Chapter 14- Algebraic Formulae - Expansion of Squares (Practice Set 50)
- Chapter 14- Algebraic Formulae - Expansion of Squares (Practice Set 51)
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- Chapter 14- Algebraic Formulae - Expansion of Squares (Practice Set 53)
- Chapter 15- Statistics (Practice Set 54)
- Chapter 14- Statistics (Practice Set 55)

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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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