

Maharashtra Board Solutions Class 5-Maths

(Problem Set 44) - Part 2: Chapter 10-

Measuring Time

BOOK SOLUTIONS
CLASS 5
MATHS (PART 2)

CHAPTER 10
Measuring Time



Maharashtra Board Solutions→

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

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Maharashtra Board Solutions Class 5-Maths

(Problem Set 44) - Part 2: Chapter 10-

Measuring Time

Class 5: Maths Chapter 10 solutions. Complete Class 5 Maths Chapter 10 Notes.

Maharashtra Board Solutions Class 5-Maths (Problem Set 44) - Part 2: Chapter 10- Measuring Time

Maharashtra Board 5th Maths Chapter 10, Class 5 Maths Chapter 10 solutions

Important Questions and Answers.

Question 1.

The time below is given by the 12 hour clock. Write the same by the 24 hour clock.

- (1) 30 minutes past 10 in the morning –
- (2) 10 minutes past 8 in the morning –
- (3) 20 minutes past 1 in the afternoon –
- (4) 40 minutes past 5 in the evening –

Answer:

- (1) [10:30]
- (2) [8:10]
- (3) [13:20]
- (4) [17:40]

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Question 2.

Match the following.

12 hour clock – 24 hour clock

(1) 9:10 am – 23:10

(2) 2:10 pm – 7:25

(3) 5:25 pm – 14:10

(4) 11:10 pm – 9:10

(5) 7:25 am – 17:25

Answer:

(1) – d

(2) – c

(3) – e

(4) – a

(5) – b

Examples of time measurement

Example (1) If Abdul started working on the computer at 11 in the morning and finished his work at 3:30 in the afternoon, how long did he work?

Method 1 :

From 11 in the morning to 12 noon, it is 1 hour. From 12 noon to 3:30 in the afternoon, it is 3 hours and 30 minutes. Therefore, the total time is 4 hours and 30 minutes.

Method 2 :

According to the 24 hour clock, 11'o'clock in the morning is 11:00 and 3:30 in the afternoon is 15:30.

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	Hr	Min
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	15	30
--	----	----

–	11	00
---	----	----

	4	30
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Abdul worked for a total of 4 hours and thirty minutes, or four and a half hours.

Example (2) Add : 4 hours 30 min + 2 hours 45 min

Hr	Min	
4	30	
+	2	45
6	75	75 min
7	15	= 1 hour 15 min

Example (3) Subtract : 5 hr 30 min – 2 hr 45 min

Hr	Min
4	60 + 30
5	30
– 2	45
2	45

45 minutes cannot be subtracted from 30 minutes. Therefore, we borrow 1 hour and convert it into 60 minutes for the subtraction.

Example (4) Amruta travelled by bus for 3 hours 40 minutes and by motorcycle for 1 hour 45 minutes. How long did she spend travelling?

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Hr	Min	
3	40	Travel time by bus
+ 1	45	Travel time by motorcycle
4	85	
5	25	Total travel time

(60 + 25) minutes are 85 minutes, that is, 1 hour and 25 minutes.

Let us add this 1 hour to 4 hours.

Therefore, Amruta travelled for a total of 5 hours and 25 minutes.

Additional Important Questions and Answers

The time is given by the 12-hour clock. Write the same by the 24-hour clock.

(1) 15 minutes past 9 in the evening –

(2) 12 midnight –

Answer:

[21:15]

[00:00]

The time below is given by the 24-hour clock. Write the same by the 12-hour clock.

(1) 20:20 =

(2) 9:30 =

(3) 23:00 =

(4) 4:00 =

(5) 12:00 =

(6) 00:00 =

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Answer:

[8:20 pm]

[9:30 am]

[11 pm]

[4 am]

[12 noon] or [12:00]

[12 midnight]



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- Chapter 2- Number Work (Problem Set 4)
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Part 2.

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- Chapter 11- Problems on Measurement (Problem Set 47)
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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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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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