

Maharashtra Board Solutions Class 5-Maths (Problem Set 41) - Part 2: Chapter 9- Decimal Fractions

BOOK SOLUTIONS
CLASS 5
MATHS (PART 2)

CHAPTER 9
Decimal Fractions



Maharashtra Board Solutions→



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Postal Address

IndCareer.com, 52, Shilpa Nagar, Somalwada Nagpur - 440015
Maharashtra, India

WhatsApp: +91 9561 204 888, **Website:** <https://www.indcareer.com>

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Maharashtra Board Solutions Class 5-Maths (Problem Set 41) - Part 2: Chapter 9- Decimal Fractions

Class 5: Maths Chapter 9 solutions. Complete Class 5 Maths Chapter 9 Notes.

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Maharashtra Board 5th Maths Chapter 9, Class 5 Maths Chapter 9 solutions

Important Questions and Answers.

Question 1.

Convert the following into decimal fractions and add them.

(1) 'One and a half metre' and 'two and a half metres'

Solution:

$$\begin{array}{r} .1 \\ \hline 1 . 5 \text{ m} \\ + 2 . 5 \text{ m} \\ \hline 4 . 0 \text{ m} \end{array}$$

(2) 'Five and three quarter rupees' and 'seven and a quarter rupees'

Solution:

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$$\begin{array}{r} 1 \quad 1 \\ \hline 5 \cdot 75 \text{ Rupees} \\ + 7 \cdot 25 \text{ Rupees} \\ \hline 8 \cdot 00 \text{ Rupees} \end{array}$$

(3) 'Six and a half metres' and 'three and three quarter metres'.

Solution:

$$\begin{array}{r} 1 \\ \hline 6 \cdot 50 \text{ m} \\ + 3 \cdot 75 \text{ m} \\ \hline 10 \cdot 25 \text{ m} \end{array}$$

Question 2.

(1) $23.4 + 87.9$

Solution:

$$\begin{array}{r} 1 \quad 1 \\ \hline 23 \cdot 4 \\ + 87 \cdot 9 \\ \hline 111 \cdot 3 \end{array}$$

(2) $35.74 + 816.6$

Solution:

$$\begin{array}{r} 11 \\ 35.74 \\ + 816.60 \\ \hline 852.34 \end{array}$$

(3) $6.95 + 74.88$

Solution:

$$\begin{array}{r} 111 \\ 6.95 \\ + 74.88 \\ \hline 81.83 \end{array}$$

(4) $41.03 + 9.98$

Solution:

$$\begin{array}{r} 111 \\ 41.03 \\ + 9.98 \\ \hline 51.01 \end{array}$$

Question 3.

(1) $51.4 \text{ cm} + 68.5 \text{ cm}$

Solution:

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$$\begin{array}{r} 51.4 \text{ cm} \\ + 68.5 \text{ cm} \\ \hline 119.9 \text{ cm} \end{array}$$

(2) $94.7 \text{ m} + 1738.45 \text{ m}$

Solution:

$$\begin{array}{r} 111 \\ 94.70 \text{ m} \\ + 1738.45 \text{ m} \\ \hline 1833.15 \text{ m} \end{array}$$

(3) $5158.75 + ₹841.25$

Solution:

$$\begin{array}{r} 11111 \\ ₹5158.75 \\ + ₹841.25 \\ \hline ₹6000.00 \end{array}$$

Subtraction of decimal fractions

Study the subtraction of decimal fractions given below.

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15.41	T	U	Tenths	Hun-
- 8.58		14	13	dredths
6.83	0	4	3	11
	1	4	3	1
	-	8	5	8
	0	6	8	3

8 hundredths cannot be subtracted from 1 hundredth, so 1 tenth (or 10 hundredths) from 4 tenths are borrowed. The borrowed 10 hundredths and the original one hundredth make 11 hundredths. 11 hundredths minus 8 hundredths are 3 hundredths. They are written in the hundredths place under the line. The rest of the subtraction is carried out using the same method.

Additional Important Questions and Answers

Convert the following into decimal fractions and add them.

(1) 'Fourteen and a half rupees' and 'Fifteen and a half rupees'.

Solution:

$$\begin{array}{r}
 14.5 \text{ Rupees} \\
 + 15.5 \text{ Rupees} \\
 \hline
 30.0 \text{ Rupees}
 \end{array}$$

(2) 'Three quarters' and 'a half'

Solution:

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$$\begin{array}{r} 1 \\ 0 . 7 5 \\ + 0 . 5 0 \\ \hline 1 . 2 5 \end{array}$$

Add the following:

(1) $37.84 + 12.16$

Solution:

$$\begin{array}{r} 1 1 1 \\ 3 7 . 8 4 \\ + 1 2 . 1 6 \\ \hline 5 0 . 0 0 \end{array}$$

(2) $328.69 + 84.84$

Solution:

$$\begin{array}{r} 1 1 1 1 \\ 3 2 8 . 6 9 \\ + 8 4 . 8 4 \\ \hline 4 1 3 . 5 3 \end{array}$$

Solve the following:

(1) $304.86 \text{ m} + 70.94 \text{ m}$

Solution:

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$$\begin{array}{r} 1 \quad 1 \\ 304.86 \text{ m} \\ + 70.94 \text{ m} \\ \hline 375.80 \text{ m} \end{array}$$

(2) 79.56 cm + 19.65 cm

Solution:

$$\begin{array}{r} 1 \quad 1 \quad 1 \\ 79.56 \text{ cm} \\ + 19.65 \text{ cm} \\ \hline 99.21 \text{ cm} \end{array}$$

(3) ₹ 64.79 + ₹ 49.5

Solution:

$$\begin{array}{r} 1 \quad 1 \\ ₹ 64.79 \\ + ₹ 49.50 \\ \hline ₹ 114.29 \end{array}$$



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Class 5 Maths

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- Chapter 1- Roman Numerals (Problem Set 1)
- Chapter 2- Number Work (Problem Set 2)
- Chapter 2- Number Work (Problem Set 3)
- Chapter 2- Number Work (Problem Set 4)
- Chapter 2- Number Work (Problem Set 5)
- Chapter 2- Number Work (Problem Set 6)
- Chapter 3- Addition and Subtraction (Problem Set 7)
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- Chapter 3- Addition and Subtraction (Problem Set 9)
- Chapter 3- Addition and Subtraction (Problem Set 10)
- Chapter 3- Addition and Subtraction (Problem Set 11)
- Chapter 3- Addition and Subtraction (Problem Set 12)
- Chapter 3- Addition and Subtraction (Problem Set 13)
- Chapter 4- Multiplication and Division (Problem Set 14)
- Chapter 4- Multiplication and Division (Problem Set 15)
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- Chapter 5- Fractions (Problem Set 22)
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- Chapter 10- Measuring Time (Problem Set 43)

Part 2.

- Chapter 8- Multiples and Factors (Problem Set 32)
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- Chapter 10- Measuring Time (Problem Set 45)
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- Chapter 11- Problems on Measurement (Problem Set 47)
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- Chapter 16- Preparation for Algebra (Problem Set 55)
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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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IndCareer.com
52, Shilpa Nagar,
Somalwada
Nagpur - 440015
Maharashtra, India

WhatsApp: +91 9561 204 888

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