

Maharashtra Board Solutions Class 5-Maths (Problem Set 39) - Part 2: Chapter 9- Decimal Fractions

BOOK SOLUTIONS
CLASS 5
MATHS (PART 2)

CHAPTER 9
Decimal Fractions



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 39) - 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.

Write how many rupees and how many paise.

(1) ₹ 58.43

Answer:

58 rupees 43 paise.

(2) ₹ 9.30

Answer:

9 rupees 30 paise.

(3) ₹ 2.30

Answer:

2 rupees 30 paise.

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(4) ₹ 2.3

Answer:

2 rupees 30 paise.

Question 2.

Write how many rupees in decimal form.

(1) 6 rupees 25 paise

Answer:

₹ 6.25

(2) 15 rupees 70 paise

Answer:

₹ 15.70

(3) 8 rupees 5 paise

Answer:

₹ 8.05

(4) 22 rupees 4 paise

Answer:

₹ 22.04

(5) 720 paise

Answer:

₹ 7.20

Question 3.

Write how many metres and how many centimetres.

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(1) 58.75 m

Answer:

58 m 75 cm

(2) 9.30 m

Answer:

9 m 30 cm

(3) 0.30 m

Answer:

30 cm

(4) 0.3 m

Answer:

30 cm

(5) 1.62 m

Answer:

1 m 62 cm

(6) 91.4 m

Answer:

91 cm 40 cm

(7) 7.02 m

Answer:

7 m 2 cm

(8) 0.09 m

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Answer:

9 cm

Question 4.

Write how many metres in decimal form.

(1) 1 m 50 cm

Answer:

1.5 m

(2) 50 m 40 cm

Answer:

50.40 m

(3) 50 m 4 cm

Answer:

50.04 m

(4) 734 cm

Answer:

7.34 m

(5) 10 cm

Answer:

0.1 m

(6) 2 cm

Answer:

0.02 m

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Question 5.

Write how many centimetres and how many millimetres.

(1) 6.9 cm

Answer:

6 cm 9 mm

(2) 20.4 cm

Answer:

20 cm 4 mm

(3) 0.8 cm

Answer:

8 mm

(4) 0.5 cm

Answer:

5 mm

Question 6.

Write how many centimetres in decimal form.

(1) 7 cm 1 mm

Answer:

7.1 cm

(2) 16 mm

Answer:

1.6 cm

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(3) 144 mm

Answer:

14.4 cm

(4) 8 mm

Answer:

0.8 cm

Writing half, quarter, three-quarters and one and a quarter in decimal form

'Half' is usually written as $\frac{1}{2}$. To convert this fraction into decimal form, the denominator of $\frac{1}{2}$ must be converted into an equivalent fraction with denominator 10.

$\frac{1}{2} = \frac{1 \times 5}{2 \times 5} = \frac{5}{10}$ so the decimal form of $\frac{1}{2}$ will be $\frac{5}{10}$ or 0.5 Just as $\frac{1}{2} = \frac{1 \times 5}{2 \times 5} = \frac{5}{10} = 0.5$, note that $\frac{1}{2} = \frac{1 \times 50}{2 \times 50} = \frac{50}{100} = 0.50$

Therefore, 'half' is written as '0.5' or 0.50'. 'Quarter' and 'three quarters' are written in fractions as $\frac{1}{4}$ and $\frac{3}{4}$ respectively. Let us convert them into decimal fractions. 10 is not divisible by 4. Therefore, the denominators of $\frac{1}{4}$ and $\frac{3}{4}$ cannot be made into fractions with multiples of 10. However, $4 \times 25 = 100$, so the denominator can be 100.

A quarter $= \frac{1}{4} = \frac{1 \times 25}{4 \times 25} = \frac{25}{100} = 0.25$

and Three quarters $= \frac{3}{4} = \frac{3 \times 25}{4 \times 25} = \frac{75}{100} = 0.75$

One and a quarter $= 1 \frac{1}{4} = 1.25$

One and a half $= 1 \frac{1}{2} = 1.50 = 1.5$

One and three quarters $= 1 \frac{3}{4} = 1.75$

Seventeen and a half $= 17 \frac{1}{2} = 17.50 = 17.5$

Additional Important Questions and Answers

Question 1.

Write how many rupees and how many paise.

(1) ₹ 147.5

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Answer:

1 hundred and 47 rupees 50 paise.

(2) ₹ 40.4

Answer:

40 rupees and 40 paise.

Question 2.

Write how many rupees in decimal form.

(1) 105 paise

Answer:

₹ 1.05

(2) 6 rupees 6 paise

Answer:

₹ 6.06

(3) 20 rupees 20 paise

Answer:

₹ 20.2

Question 3.

Write how many metres and how many centimetres.

(1) 1.1m =

Answer:

1 m 10 cm

(2) 120 cm =

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Answer:

1 m 20 cm

(3) 24.8 m =

Answer:

24 m 80 cm

(4) 0.5 m =

Answer:

50 cm

Question 4.

Write how many metres in decimal form.

(1) 110 cm =

Answer:

1.1m

(2) 60 cm =

Answer:

0.6 m

Question 5.

Write how many centimetres and how many millimetres.

(1) 0.1 cm =

Answer:

1 mm

(2) 10.5 cm =

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Answer:

10 cm 5 mm

Question 6.

Write how form. many centimetres in decimal

(1) 1 mm =

Answer:

0.1 cm

(2) 100 mm =

Answer:

10.0 cm



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Class 5 Maths

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- 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)
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- Chapter 5- Fractions (Problem Set 22)
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- Chapter 9- Decimal Fractions (Problem Set 40)
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Part 2.

- Chapter 8- Multiples and Factors (Problem Set 32)
- Chapter 8- Multiples and Factors (Problem Set 33)
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- Chapter 11- Problems on Measurement (Problem Set 46)

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- Chapter 11- Problems on Measurement (Problem Set 47)
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- Chapter 13- Three Dimensional Objects and Nets (Problem Set 51)
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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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