

Maharashtra Board Solutions Class 5-Maths (Problem Set 38) - Part 2: Chapter 9- Decimal Fractions



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Maharashtra Board Solutions Class 5-Maths (Problem Set 38) - Part 2: Chapter 9- Decimal Fractions

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

Maharashtra Board Solutions Class 5-Maths (Problem Set 38) - Part 2: Chapter 9- Decimal Fractions

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

Important Questions and Answers.

Read the decimal fraction and write down the place value of each digit.

(1) 6.13

Answer:

Six point one three.

Here 6 is in the units place. Hence, its place value is $6 \times 1 = 6$

1 is in tenths place. Hence, its place value is

$$1 \times \frac{1}{10} = 0.1$$

3 is in the hundredths place. Its place value is $3 \times \frac{1}{100} = 0.03$

(2) 48.84

Answer:

Fourty eight point eight four

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Place value of 4 is $4 \times 10 = 40$ and of 8, it is $8 \times 1 = 8$

Place value of 8 is $8 \times 110 = 810 = 0.8$ and

Place value of 4 is $4 \times 1100 = 4100 = 0.04$

(3) 72.05

Answer:

Seventy two point zero five

Place value of 7 is $7 \times 10 = 70$ and of 2 is, it is $2 \times 1 = 2$

Place value of 5 is $5 \times 1100 = 5100 = 0.05$

(4) 3.4

Answer:

Three point four.

Place value of 3 is $3 \times 1 = 3$

Place value of 4 is $4 \times 110 = 0.4$

(5) 0.59

Answer:

Zero point five nine.

Place value of 5 is $5 \times 110 = 510 = 0.5$ and

Place value of 9 is $9 \times 1100 = 9100 = 0.09$

Use of decimal fractions

Sir : Now we will see how 24.50 equals 24 rupees and 50 paise. How many rupees is one paisa?

Sumit : 100 paise make one rupee, therefore, 1 paisa is one-hundredth of a rupee or 0.01 rupee.

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Sir : And 50 paise are?

Sumit : 50 hundredths of a rupee, or 0.50 rupees, so 24.50 rupees is 24 rupees and 50 paise.

Sir : When a large unit of a certain quantity is divided into 10 or 100 parts to make smaller units, it is more convenient to write them in decimal form. As we just saw, 100 paise = 1 rupee.

Similarly, 100 cm = 1 metre, so 75 cm = 0.75 m. 10 mm = 1 cm, so 1 mm = 0.1 cm. 3 mm are 0.3 cm. 6.3 cm are 6 cm and 3 mm.

Now study the following table.

100 paise = 1 rupee 1 paise = $\frac{1}{100}$ rupee = 0.01 rupee 50 paise = $\frac{50}{100}$ rupee = 0.50 rupee 75 paise = $\frac{75}{100}$ rupee = 0.75 rupee	100 cm = 1 m 1 cm = $\frac{1}{100}$ m = 0.01 m 25 cm = $\frac{25}{100}$ m = 0.25 m 60 cm = $\frac{60}{100}$ m = 0.60 m = 0.6 m
1 rupee = 100 paise 5 rupees = 500 paise 0.50 rupee = 0.5 rupee = 50 paise 0.07 rupee = 7 paise 4.5 rupees = 4 rupees 50 paise 17.65 rupees = 17 rupees 65 paise	1 m = 100 cm 8 m = 800 cm 0.3 m = 30 cm 0.40 m = 40 cm 2.65 m = 2 m 65 cm 14.9 m = 14 m 90 cm

Additional Important Questions and Answers

(1) 12.34

Answer:

Twelve point three four.

Place value of 1 is $1 \times 10 = 10$

Place value of 2 is $2 \times 1 = 2$

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Place value of 3 is $3 \times 110 = 0.3$

Place value of 4 is $4 \times 1100 = 0.04$

(2) 369,58

Answer:

Three hundred sixty nine point five eight. Place value of 3, which is in the hundreds place is $3 \times 100 = 300$

Place value of 6, which is in the tens place is $6 \times 10 = 60$

Place value of 9, which is in the units place is $9 \times 1 = 9$

Place value of 5, which is in the tenths place is $5 \times 110 = 0.5$

Place value of 8, which is in the hundredths place is $8 \times 1100 = 0.08$

(3) 5.5

Answer:

Five point five.

Place value of 5, which is in the units place is $5 \times 1 = 5$

Place value of 5, which is in the tenths place is $5 \times 110 = 0.5$



Maharashtra Board Solutions

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)
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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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