

Maharashtra Board Solutions Class 5-Maths (Problem Set 42) - Part 2: Chapter 9- Decimal Fractions



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Maharashtra Board Solutions Class 5-Maths (Problem Set 42) - 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.

Subtract the following :

(1) $25.74 - 13.42$

Solution:

$$\begin{array}{r} 25.74 \\ - 13.42 \\ \hline 12.32 \end{array}$$

(2) $206.35 - 168.22$

Solution:

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$$\begin{array}{r} 206.35 \\ - 168.22 \\ \hline 38.13 \end{array}$$

(3) $63.4 - 31.8$

Solution:

$$\begin{array}{r} 63.4 \\ - 31.8 \\ \hline 31.6 \end{array}$$

(4) $63.43 - 31.8$

Solution:

$$\begin{array}{r} 63.43 \\ - 31.80 \\ \hline 31.63 \end{array}$$

(5) $63.4 - 31.83$

Solution:

$$\begin{array}{r} 63.40 \\ - 31.83 \\ \hline 31.57 \end{array}$$

(6) $8.23 - 5.45$

Solution:

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$$\begin{array}{r} 18.23 \\ - 9.45 \\ \hline 8.78 \end{array}$$

(7) $18.23 - 9.45$

Solution:

$$\begin{array}{r} 18.23 \\ - 9.45 \\ \hline 8.78 \end{array}$$

(8) $78.03 - 41.65$

Solution:

$$\begin{array}{r} 78.03 \\ - 41.65 \\ \hline 36.38 \end{array}$$

Question 2.

Vrinda was 1.48 m tall. After a year, her height became 1.53 m. How many centimeters did her height increase in a year?

Answer:

∴ 5 cm height has increased in a year.

Something more

Decimals used for measurement

We need to measure distance, mass (weight) and volume every day. We use suitable units for these measurements. Kilometre, metre and centimeter for distance; litre, millilitre for volume and kilogram and gram for mass are the units that are used most of the time.

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All these units are decimal units. In this method, gram, metre and litre are taken as the basic units for mass, distance and volume respectively. Units larger than these increase 10 times at every step and smaller units become $\frac{1}{10}$ of the previous unit at each step.

Look at the table of these units given below.

Quantity	Kilo (Th) (Thousand)	Hecto (H) (Hundred)	Deca (Ten)	The basic unit of measurement	Deci (Tenth)	Centi (Hundredth)	Milli (Thousandth)
Distance	1 kilometre = 1000 m	1 hectometre = 100 m	1 decametre = 10 m	metre	1 decimetre = $\frac{1}{10}$ m	1 centimetre = $\frac{1}{100}$ m	1 millimetre = $\frac{1}{1000}$ m
Mass				gram			
Volume				litre			

The origin of the terms kilo, hecto... milli is in the Greek or Latin language. Their English equivalents are given in brackets along with the terms.

Additional Important Questions and Answers

Subtract the following:

(1) $304.17 - 95.28$

Solution:

(2) $72.84 - 36.96$

Solution:

(3) $9.17 - 5.88$

Solution:

(4) $100 - 49.99$

Solution:

(5) Atul has 56.25 and Anup has 65. Whose amount is more? How much?

Solution:

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∴ Anup's amount is more by ₹ 8.75



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Part 2.

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