

Maharashtra Board Solutions Class 5-Maths (Problem Set 12) - Part 1: Chapter 3- Addition and Subtraction



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Maharashtra Board Solutions Class 5-Maths (Problem Set 12) - Part 1: Chapter 3- Addition and Subtraction

Class 5: Maths Chapter 3 solutions. Complete Class 5 Maths Chapter 3 Notes.

Maharashtra Board Solutions Class 5-Maths (Problem Set 12) - Part 1: Chapter 3- Addition and Subtraction

Maharashtra Board 5th Maths Chapter 3, Class 5 Maths Chapter 3 solutions

Important Questions and Answers.

Question 1.

Solve the following word problems:

1. Prathamesh wants to buy a laptop worth 27,450 rupees. He has 22,975 rupees. What is the amount he still needs to be able to buy the laptop?

Solution:

₹ 2 7 4 5 0 Laptop worth

—

₹ 2 2 9 7 5 Prathmesh has

0 4 4 7 5 Require more

Answer:

₹ 04,475 amount require to buy the laptop,

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$$\begin{array}{r} ₹\ 2\ 7\ 4\ 5\ 0 \\ - ₹\ 2\ 2\ 9\ 7\ 5 \\ \hline 0\ 4\ 4\ 7\ 5 \end{array}$$

2. A company produced 44,730 scooters in a certain year and 43,150 in the next. How many more scooters did they produce in the previous year?

Solution:

44,730 In previous year

—

43,150 In next year

1,580

Answer:

1,580 scooters produced more in the previous year.

$$\begin{array}{r} 44\ 730 \\ - 43\ 150 \\ \hline 01\ 580 \end{array}$$

3. In a certain city, the number of men is 16,37,856 and the number of women is 16,52,978. By how many does the number of women exceed the number of men?

Solution:

16,52,978 Women

—

16,37,856 Men

15,122

Answer:

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15,122 women more than number of men.

$$\begin{array}{r} 1652978 \\ - 1637856 \\ \hline 0015122 \end{array}$$

4. An organization decided to collect 25,00,000 rupees for a certain project. They collected 26,57,340 through donations and other kinds of aid. By how much did they exceed their target?

Solution:

2657340 collected

—

2500000 decided to collect

0157340 collected more

Answer:

1,57,340

$$\begin{array}{r} 2657340 \\ - 2500000 \\ \hline 0157340 \end{array}$$

5. Use the numbers 23,849 and 27,056 to make a subtraction problem. Solve the problem.

Solution:

In a certain shop the price of a computer was ₹ 23,849 and that of TV set is ₹ 27,056. Price of TV set is how much more than that of a computer.

₹ 27056 Price of T.V. sets

₹ 23849 Price of computer

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0 3 2 0 7 Price is more

Answer:

Price of TV set is more than computer by ₹ 3,207

$$\begin{array}{r}
 ₹\ 2\ 7\ 0\ 5\ 6 \\
 - ₹\ 2\ 3\ 8\ 4\ 9 \\
 \hline
 0\ 3\ 2\ 0\ 7
 \end{array}$$

Mixed examples

Study the following solved examples.

Example (1)

$$4,13,758 + 2,09,542 - 5,16,304$$

$$4,13,758 + 2,09,542 - 5,16,304 = 1,06,996$$

$$\begin{array}{r}
 +\ 4\ 1\ 3\ 7\ 5\ 8 \\
 +\ 2\ 0\ 9\ 5\ 4\ 2 \\
 \hline
 6\ 2\ 3\ 3\ 0\ 0
 \end{array}
 \quad
 \begin{array}{r}
 -\ 3\ 4\ 5\ 6\ 7\ 8 \\
 -\ 1\ 6\ 2\ 0\ 5\ 4 \\
 \hline
 1\ 8\ 3\ 6\ 2\ 4
 \end{array}$$

Example (2)

$$345678 - 162054 + 600127$$

$$345678 - 162054 + 600127 = 7,83,751$$

$$\begin{array}{r}
 -\ 6\ 2\ 3\ 3\ 0\ 0 \\
 -\ 5\ 1\ 6\ 3\ 0\ 4 \\
 \hline
 1\ 0\ 6\ 9\ 9\ 6
 \end{array}
 \quad
 \begin{array}{r}
 +\ 1\ 8\ 3\ 6\ 2\ 4 \\
 +\ 6\ 0\ 0\ 1\ 2\ 7 \\
 \hline
 7\ 8\ 3\ 7\ 5\ 1
 \end{array}$$

In these examples, both operations, addition and subtraction, have to be done. They are done in the order in which they are given. In actual cases, we need to consider the specific problem to decide which operation must be done first.

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Example (3)

The total amount spent on building a certain house was ₹ 87,14,530. Of this amount, ₹ 24,72,615 were spent on buying the plot of land, ₹ 50,43,720 on the construction material and the rest on labour charges. What was the amount spent on labour?

Method : 1

8 7 1 4 5 3 0 → Total amount spent

—

2 4 7 2 6 1 5 → Cost of plot

6 2 4 1 9 1 5 → Cost of material and labour

$$\begin{array}{r} 8714530 \\ - 2472615 \\ \hline 6241915 \end{array}$$

6 2 4 1 9 1 5 → Cost of material and labour

—

5 0 4 3 7 2 0 → Cost of material

1 1 9 8 1 9 5 → Amount spent on labour

$$\begin{array}{r} 6241915 \\ - 5043720 \\ \hline 1198195 \end{array}$$

Method : 2

2 4 7 2 6 1 5 Cost of plot

+

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5 0 4 3 7 2 0 Cost of material

7 5 1 6 3 3 5 Cost of plot and material

$$\begin{array}{r} 2472615 \\ + 5043720 \\ \hline 7516335 \end{array}$$

8 7 1 4 5 3 0 Total amount spent

–

7 5 1 6 3 3 5 Cost of plot and material

1 1 9 8 1 9 5 Amount spent on labour

$$\begin{array}{r} 8714530 \\ - 2472615 \\ \hline 6241915 \end{array}$$

Let us verify our answer.

2 4 7 2 6 1 5 Cost of plot

+

5 0 4 3 7 2 0 Cost of material

+

1 1 9 8 1 9 5 Amount spent on labour

8 7 1 4 5 3 0 Total cost

The sum total of all the amounts spent tallies with the given total cost. It means that our answer is correct.

Additional Important Questions and Answers

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Solve the following word problems:

Question 1.

Jethalal purchased goods for ₹ 53,25,675 sold it for ₹ 62,14,563. How much he obtained more in this transaction?

Solution:

6 2 1 4 5 6 3 Sold price

5 3 2 5 6 7 5 Purchased price

8 8 8 8 8 8 Obtained more

Answer:

₹ 8,88,888

$$\begin{array}{r} 6214563 \\ - 5325675 \\ \hline 888888 \end{array}$$

Question 2.

In an election candidate A got 13,90,211 votes and candidate B got 8,57,143 votes. By how many votes the winner A defeated the loser B?

Solution:

1 3 9 0 2 1 1 Votes obtained by A

—

8 5 7 1 4 3 Votes obtained by B

0 5 3 3 0 6 8 Votes more obtained by A

Answer:

5,33,068

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$$\begin{array}{r} 1390211 \\ - 857143 \\ \hline 0533068 \end{array}$$



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Part 2.

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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.

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FAQs

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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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