

Maharashtra Board Solutions Class 5-Maths

(Problem Set 20) - Part 1: Chapter 5-

Fractions



For any clarifications or questions you can write to info@indcareer.com

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Maharashtra Board Solutions Class 5-Maths

(Problem Set 20) - Part 1: Chapter 5-

Fractions

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

Maharashtra Board Solutions Class 5-Maths (Problem Set 20) - Part 1: Chapter 5- Fractions

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

Important Questions and Answers.

Question 1.

Add the following

(1) $15+35$

Answer:

$$15+35=1+35=45$$

(2) $27+47$

Answer:

$$27+47=2+47=67$$

(3) $712+212$

Answer:

$$712+212=7+212=912$$

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(4) $29+79$

Answer:

$$29+79=2+79=99=1$$

(5) $315+415$

Answer:

$$315+415=3+415=715$$

(6) $27+17+37$

Answer:

$$27+17+37=2+1+37=67$$

(7) $210+410+310$

Answer:

$$210+410+310=2+4+310=910$$

(8) $49+19$

Answer:

$$49+19=4+19=59$$

(9) $58+38$

Answer:

$$58+38=5+38=88=1$$

Question 2.

Mother gave 38 of one guava to Meena and 28 of the guava to Geeta. What part of the guava did she give them altogether?

Solution:

$$38+28=3+28=58 \text{ given altogether}$$

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Answer:

58 part of guava given altogether

Question 3.

The girls of Std V cleaned 34 of a field while the boys cleaned 14. What part of the field was cleaned altogether?

Solution:

Girls cleaned + Boys cleaned

$$34+14=3+14=44=1$$

Answer:

Full whole field cleaned altogether.

Subtraction of like fractions

A figure is divided into 5 equal parts and 4 of them are colored. That is, 4/5 part of the figure is coloured.

Now, we remove the colour from one of the coloured parts. That is, we subtract 1/5 from 4/5. The remaining coloured part is 3/5. Therefore, $\frac{4}{5} - \frac{1}{5} = \frac{4-1}{5} = \frac{3}{5}$.

When subtracting a fraction from another like fraction, we write the difference between the numerators in the numerator and the common denominator in the denominator.

Example (1) Subtract : $\frac{7}{13} - \frac{5}{13}$

These two fractions have a common denominator. So, we shall subtract the second numerator from the first and write the denominator as it is.

$$\frac{7}{13} - \frac{5}{13} = \frac{7-5}{13} = \frac{2}{13}$$

Example (2) If Raju got 5/12 part of a sugarcane and Sanju got 3/12 part, how much was the extra part that Raju got?

To find out the difference, we must subtract.

$$\frac{5}{12} - \frac{3}{12} = \frac{5-3}{12} = \frac{2}{12}. \text{ Thus, Raju got } \frac{2}{12} \text{ extra.}$$

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Additional Important Questions and Answers

(1) $36+26+16$

Answer:

$$36+26+16=3+2+16=66=1$$

(2) $410+110+310+210$

Answer:

$$410+110+310+210=4+1+3+210=1010=1$$

(3) $12+12$

Answer:

$$12+12=1+12=22=1$$

Solve the following word problems:

Question 1.

of journey travelled by A and of journey travelled by B. What part of the journey travelled by both field was cleaned altogether?

Solution:

Travelled by A + Travelled by B

$$35+25=3+25=55=1$$

Answer:

Full (whole) journey travelled by both.



Maharashtra Board Solutions

Class 5 Maths

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- Chapter 2- Number Work (Problem Set 2)
- Chapter 2- Number Work (Problem Set 3)
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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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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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