

Maharashtra Board Solutions Class 5-Maths

(Problem Set 19) - 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 19) - 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 19) - Part 1: Chapter 5- Fractions

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

Important Questions and Answers.

Write the proper symbol from $<$, $>$, or $=$ in the box.

$$(1) \quad \frac{3}{7} \quad \boxed{} \quad \frac{3}{7}$$

Answer:

=

$$(2) \quad \frac{3}{8} \quad \boxed{} \quad \frac{2}{8}$$

Answer:

>

$$(3) \quad \frac{2}{11} \quad \boxed{} \quad \frac{10}{11}$$

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Answer:

<

$$(4) \quad \frac{5}{15} \boxed{} \frac{10}{30}$$

Answer:

=

$$(5) \quad \frac{5}{8} \boxed{} \frac{5}{9}$$

Answer:

>

$$(6) \quad \frac{4}{7} \boxed{} \frac{4}{11}$$

Answer:

>

$$(7) \quad \frac{10}{11} \boxed{} \frac{10}{13}$$

Answer:

>

$$(8) \quad \frac{1}{5} \boxed{} \frac{1}{9}$$

Answer:

>

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(9) $\frac{5}{6}$ $\frac{1}{8}$

Answer:

>

(10) $\frac{5}{12}$ $\frac{1}{6}$

Answer:

>

(11) $\frac{7}{8}$ $\frac{14}{16}$

Answer:

=

(12) $\frac{4}{9}$ $\frac{4}{9}$

Answer:

=

(13) $\frac{5}{18}$ $\frac{1}{9}$

Answer:

>

(14) $\frac{2}{3}$ $\frac{4}{7}$

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Answer:

>

$$(15) \quad \frac{3}{7} \boxed{} \frac{5}{9}$$

Answer:

<

$$(16) \quad \frac{4}{11} \boxed{} \frac{1}{5}$$

Answer:

>

Addition of like fractions

Example (1) $\frac{3}{7} + \frac{2}{7} = ?$

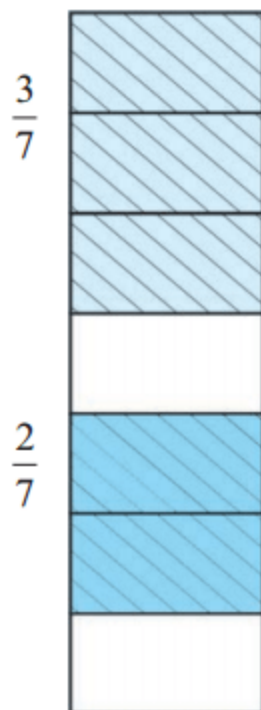
Let us divide a strip into 7 equal parts. We shall colour 3 parts with one colour and 2 parts with another.

The part with one colour is $\frac{3}{7}$, and that with the other colour is $\frac{2}{7}$.

The total coloured part is shown by the fraction $\frac{5}{7}$.

It means that, $37+27=3+27=57$

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Example (2) Add : $3/8 + 2/8 + 1/8$

The total coloured part is $3/8 + 2/8 + 1/8 = 3+2+1=6/8$



When adding like fractions, we add the numerators of the two fractions and write the denominator as it is.

Example (3) Add : $2/6 + 4/6$ $2+4=6$ $6/6=1$

However, we know that $6/6$ means that all 6 of the 6 equal parts are taken. That is, 1 whole figure is taken. Therefore, $6/6 = 1$.

Note that:

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If the numerator and denominator of a fraction are equal, the fraction is equal to one.

That is why, $77=1$; $1010=1$; $25+35=2+35=55=1$

Remember that, if we do not divide a figure into parts, but keep it whole, it can also be written as 1.

This tells us that $1=11=22=33$ and so on.

You also know that if the numerator and denominator of a fraction have a common divisor, then the fraction obtained by dividing them by that divisor is equivalent to the given fraction.

$$55=5\div55\div5=11=1$$

Additional Important Questions and Answers

Question 1.

$$\frac{7}{15} \square \frac{2}{3}$$

Answer:

>

Question 2.

$$\frac{3}{10} \square \frac{6}{20}$$

Answer:

=

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Maharashtra Board Solutions

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- Chapter 9- Decimal Fractions (Problem Set 42)
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Part 2.

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- Chapter 10- Measuring Time (Problem Set 45)
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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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