

Maharashtra Board Solutions Class 5-Maths

(Problem Set 34) - Part 2: Chapter 8-

Multiples and Factors

BOOK SOLUTIONS
CLASS 5
MATHS (PART 2)

CHAPTER 8
Multiples and Factors



Maharashtra Board Solutions→



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Postal Address

IndCareer.com, 52, Shilpa Nagar, Somalwada Nagpur - 440015
Maharashtra, India

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Maharashtra Board Solutions Class 5-Maths

(Problem Set 34) - Part 2: Chapter 8-

Multiples and Factors

Class 5: Maths Chapter 8 solutions. Complete Class 5 Maths Chapter 8 Notes.

Maharashtra Board Solutions Class 5-Maths (Problem Set 34) - Part 2: Chapter 8- Multiples and Factors

Maharashtra Board 5th Maths Chapter 8, Class 5 Maths Chapter 8 solutions

Important Questions and Answers.

Question 1.

Write all the prime numbers between 1 and 20.

Answer:

2, 3, 5, 7, 11, 13, 17, 19.

Question 2.

Write all the composite numbers between 21 and 50.

Answer:

Composite numbers between 21 and 50 are 22, 24, 25, 26, 27, 28, 30, 32, 33, 34, 35, 36, 38, 39, 40, 42, 44, 45, 46, 48, 49.

Question 3.

Circle the prime numbers in the list given below. 22, 37, 43, 48, 53, 60, 91, 57, 59, 77, 79, 97, 100

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Answer:

22, (37), (43), 48, (53), 60, 91, 57, (59), 77
(79), (97), 100, 81, (83), (67), 69, (41), 49, (31)

Question 4.

Which of the prime numbers are even numbers?

Answer:

Only even prime number is 2. (the Rest of the even numbers are composites.)

Co-prime numbers

Dada : Tell me all the factors of 12 and 18.

Anju : I'll tell the factors of 12: 1, 2, 3, 4, 6, 12.

Manju : I'll give the factors of 18: 1, 2, 3, 6, 9, 18.

Dada : Now find the common factors of 12 and 18.

Anju : Common factors ?

Dada : 1, 2, 3 and 6 are in both groups, which means that they are common factors. Now tell me the factors of 10 and 21.

Sanju : Factors of 10 : 1, 2, 5, 10.

Manju : Factors of 21: 1, 3, 7, 21.

Dada : Which of the factors in these two groups are common?

Sanju : 1 is the only common factor.

Dada : Numbers which have only 1 as a common factor are called co-prime numbers, so 10 and 21 are co-prime numbers. The common factors of 12 and 18 are 1, 2, 3 and 6; which means that the common factors are more than one. Therefore, 12 and 18 are not co-prime numbers. Now tell me whether 8 and 10 are co-prime numbers.

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Manju : The factors of 8 are 1, 2, 4 and 8 and the factors of 10 are 1, 2, 5 and 10. These numbers have two factors, 1 and 2, in common, so 8 and 10 are not co-prime numbers.

Additional Important Questions and Answers

Question 1.

21 to 50

Answer:

23, 29, 31, 37, 41, 43, 47

Question 2.

Which of the number is neither prime nor composite?

Answer:

1

Question 13.

Between nearest which two prime numbers the prime number 43 lies?

Answer:

43 lies between prime numbers 41 and 47.

Question 14.

Which of the prime numbers are odd numbers?

Answer:

All prime numbers are odd except 2.



Maharashtra Board Solutions

Class 5 Maths

Part 1

- Chapter 1- Roman Numerals (Problem Set 1)
- Chapter 2- Number Work (Problem Set 2)
- Chapter 2- Number Work (Problem Set 3)
- Chapter 2- Number Work (Problem Set 4)
- Chapter 2- Number Work (Problem Set 5)
- Chapter 2- Number Work (Problem Set 6)
- Chapter 3- Addition and Subtraction (Problem Set 7)
- Chapter 3- Addition and Subtraction (Problem Set 8)
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- Chapter 3- Addition and Subtraction (Problem Set 11)
- Chapter 3- Addition and Subtraction (Problem Set 12)
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- Chapter 4- Multiplication and Division (Problem Set 14)
- Chapter 4- Multiplication and Division (Problem Set 15)
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- Chapter 5- Fractions (Problem Set 22)
- Chapter 5- Fractions (Problem Set 23)
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- Chapter 9- Decimal Fractions (Problem Set 40)
- Chapter 9- Decimal Fractions (Problem Set 41)
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- Chapter 10- Measuring Time (Problem Set 43)

Part 2.

- Chapter 8- Multiples and Factors (Problem Set 32)
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- Chapter 10- Measuring Time (Problem Set 45)
- Chapter 11- Problems on Measurement (Problem Set 46)

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- Chapter 11- Problems on Measurement (Problem Set 47)
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- Chapter 16- Preparation for Algebra (Problem Set 55)
- Chapter 16- Preparation for Algebra (Problem Set 56)

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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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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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IndCareer.com
52, Shilpa Nagar,
Somalwada
Nagpur - 440015
Maharashtra, India

WhatsApp: +91 9561 204 888

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