

Maharashtra Board Solutions Class 5-Maths

(Problem Set 56) - Part 2: Chapter 16-

Preparation for Algebra

BOOK SOLUTIONS
CLASS 5
MATHS (PART 2)

CHAPTER 16
Preparation for Algebra



Maharashtra Board Solutions→



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

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Maharashtra Board Solutions Class 5-Maths

(Problem Set 56) - Part 2: Chapter 16-

Preparation for Algebra

Class 5: Maths Chapter 16 solutions. Complete Class 5 Maths Chapter 16 Notes.

Maharashtra Board Solutions Class 5-Maths (Problem Set 56) - Part 2: Chapter 16- Preparation for Algebra

Maharashtra Board 5th Maths Chapter 16, Class 5 Maths Chapter 16 solutions

Important Questions and Answers.

Question 1.

Use a letter for 'any number' and write the following properties in short.

(1) The sum of any number and zero is the number itself.

Answer:

$$a + 0 = a$$

(2) The product of any two numbers and the product obtained after changing the order of those numbers is the same.

Answer:

$$a \times b = b \times a$$

(3) The product of any number and zero is zero.

Answer:

$$a \times 0 = 0$$

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Question 2.

Write the following properties in words :

(1) $m - 0 = m$

Answer:

Subtracting zero from any number, gives the number itself.

(2) $n \div 1 = n$

Answer:

Dividing any number by 1, gives the number itself.

Additional Important Questions and Answers

Use a letter for any number and write the following properties in short.

Question 1.

The product of any number and 1 is the number itself.

Answer:

$$a \times 1 = a$$

Question 2.

The division of any two different numbers and the divisions obtained after changing the order of those numbers is not the same.

Answer:

$$a \div b \neq b \div a$$

Write the following properties in words:

Question 1.

$$p \times 0 = 0$$

Answer:

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The product of any number and zero is zero.

(4) $a + b = b + a$

Answer:

The sum of any two numbers and the sum obtained after changing the order of these numbers is the same.

Using brackets write three pairs of numbers whose

(1) Sum is 9

Answer:

$$5 + 4 = 9,$$

$$7 + 2 = 9,$$

$$8 + 1 = 9$$

(2) difference is 9

Answer:

$$12 - 3 = 9,$$

$$11 - 2 = 9,$$

$$10 - 1 = 9$$

(3) multiplication is 16 and

Answer:

$$4 \times 4 = 16,$$

$$8 \times 2 = 16,$$

$$16 \times 1 = 16$$

(4) division is 16.

Answer:

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$$32 \div 2 = 16,$$

$$48 \div 3 = 16,$$

$$64 \div 4 = 16,$$

Fill in the blanks.

(1) $4 + 2 = 7 - \dots\dots\dots$

(2) $4 + 2 = 3 \times \dots\dots\dots$

(3) $4 + 2 = 12 \div \dots\dots\dots$

Answer:

(1) 1

(2) 2

(3) 2

Match the columns:

(A)

A B

(i) $8 + 6$ (a) 6×2

(2) $9 + 3$ (b) $6 + 2$

(3) $5 + 1$ (c) $16 - 2$

(4) $10 - 2$ (d) $12 + 2$

Answer:

(1 – c),

(2 – a),

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(3-d),

(4-b)

(B)

A

B

(1) $a - b$ and $b - a$ (a) 0

(2) $a \times b$ and $b \times a$ (b) 1

(3) $a \times 0$ (c) =

(4) $a + a$ (d) $\neq$

Answer:

(1-d),

(2 - c),

(3 - a),

(4 - b)

Say whether right or wrong.

(1) $(6 + 5) = (5 + 6)$

(2) $(8 + 5) > 10$

(3) $(8 + 5) < 10$

(4) $108 > 108$

(5) $108 = 108$

(6) $108 < 108$

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(7) $(6 \times 3) = (20 - 2)$

(8) $40 + 8 > 5$

(9) $(3 \times 7) = (7 \times 3)$

(10) $(5 + 0) = (5 \times 1)$

(11) $(6 + 5) = 10$

(12) $(30 + 5) < (30 - 25)$

Answer:

Right : (1), (2), (5), (7), (9), (10)

Wrong : (3), (4), (6), (8), (11), (12)

Fill in the blanks with the right symbol from $<$, $>$ or $=$

(1) $(24 \div 5)$ $(9 - 5)$

(2) $(4 + 2)$ (5×1)

(3) (7×3) $(20 + 2)$

(4) (8×2) (5×3)

(5) (5×6) $(25 + 5)$

(6) (6×7) (9×5)

Answer:

(1) $=$

(2) $>$

(3) $<$

(4) $>$

(5) $=$

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(6) <

Fill in the blanks in the expressions with the proper numbers.

(1) $(4 \times 4) = (\dots\dots\dots \times 2)$

(2) $(2 \times 7) > (4 \times \dots\dots\dots)$

(3) $(30 + 5) < (\dots \times 3)$

(4) $(5 + 0) > (4 \times \dots\dots\dots)$

(5) $(36 \div 3) = (\dots \div \dots)$

(6) $(9 - \dots\dots\dots) < (4 + 1)$

(7) $(8 + 9) < (3 \times \dots\dots\dots)$

(8) $(0 + 3) > (4 \times \dots\dots\dots)$

(9) $(28 \div 2) = (7 \times \dots\dots\dots)$

Answer:

(1) 8

(2) 3

(3) 9

(4) 1

(5) $7 + 5$

(6) 5,

(7) 6

(8) 0

(9) 2

Use a letter for any number and write the following properties in short:

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(1) Dividing zero by any non zero number is zero.

Answer:

$$0 \div a = 0$$

(2) The difference of any two different numbers and the difference obtained after changing the order of those numbers is not same.

Answer:

$$a - b \neq b - a$$

(3) Dividing non zero number by itself gives us 1.

Answer:

$$a \div a = 1$$

Write the following properties in words:

(1) $a \times 1 = a$

Answer:

The product of any number and 1 is the number itself.

(2) $a - a = 0$

Answer:

Difference of the same two numbers is zero.



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)
- Chapter 3- Addition and Subtraction (Problem Set 9)
- Chapter 3- Addition and Subtraction (Problem Set 10)
- Chapter 3- Addition and Subtraction (Problem Set 11)
- Chapter 3- Addition and Subtraction (Problem Set 12)
- Chapter 3- Addition and Subtraction (Problem Set 13)
- Chapter 4- Multiplication and Division (Problem Set 14)
- Chapter 4- Multiplication and Division (Problem Set 15)
- Chapter 4- Multiplication and Division (Problem Set 16)
- Chapter 5- Fractions (Problem Set 17)
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- Chapter 5- Fractions (Problem Set 20)
- Chapter 5- Fractions (Problem Set 21)

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- Chapter 5- Fractions (Problem Set 22)
- Chapter 5- Fractions (Problem Set 23)
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- Chapter 6- Angles (Problem Set 27)
- Chapter 7- Circles (Problem Set 28)
- Chapter 7- Circles (Problem Set 29)
- Chapter 7- Circles (Problem Set 30)
- Chapter 7- Circles (Problem Set 31)
- Chapter 8- Multiples and Factors (Problem Set 34)
- Chapter 8- Multiples and Factors (Problem Set 35)
- Chapter 9- Decimal Fractions (Problem Set 36)
- Chapter 9- Decimal Fractions (Problem Set 37)
- Chapter 9- Decimal Fractions (Problem Set 38)
- Chapter 9- Decimal Fractions (Problem Set 39)
- Chapter 9- Decimal Fractions (Problem Set 40)
- Chapter 9- Decimal Fractions (Problem Set 41)
- Chapter 9- Decimal Fractions (Problem Set 42)
- 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 12- Perimeter and Area (Problem Set 50)
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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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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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