

Maharashtra Board Solutions Class 5-Maths (Problem Set 28) - Part 1: Chapter 7- Circles



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Maharashtra Board Solutions Class 5-Maths (Problem Set 28) - Part 1: Chapter 7- Circles

Class 5: Maths Chapter 7 solutions. Complete Class 5 Maths Chapter 7 Notes.

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Maharashtra Board 5th Maths Chapter 7, Class 5 Maths Chapter 7 solutions

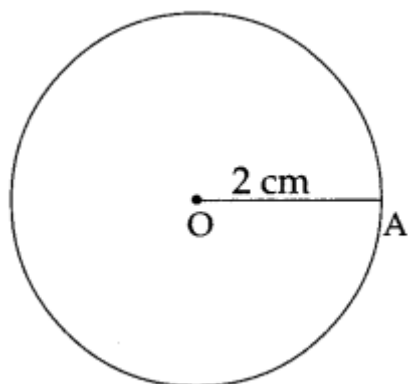
Important Questions and Answers.

Question 1.

Draw circles with the radii given below.

(1) 2 cm

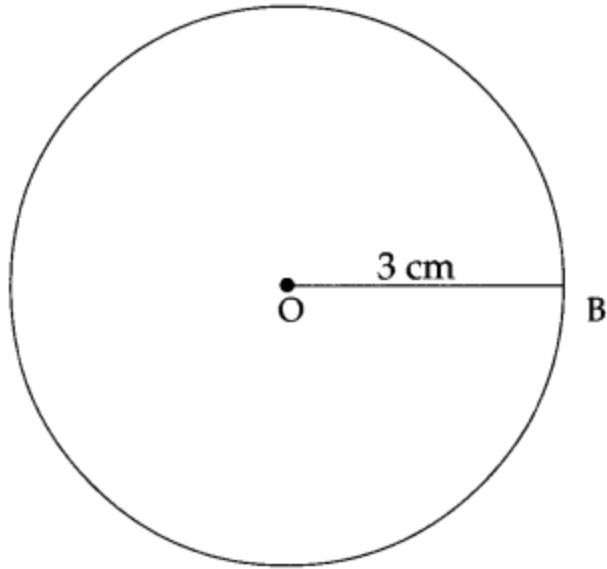
Answer:



(2) 4 cm

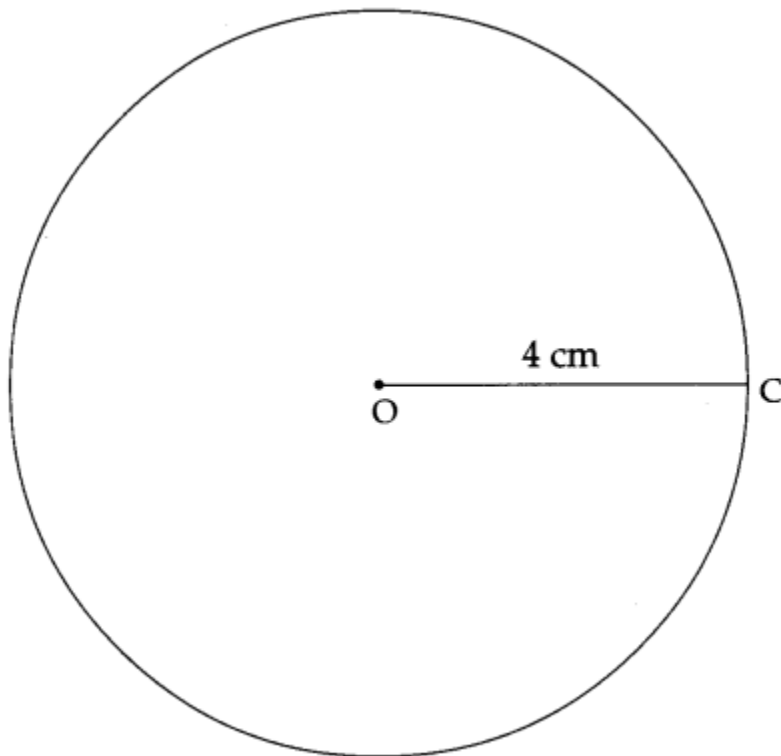
Answer:

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(3) 3 cm

Answer:



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Question 2.

Draw a circle of any radius. Show one diameter, one radius and one chord on that circle.

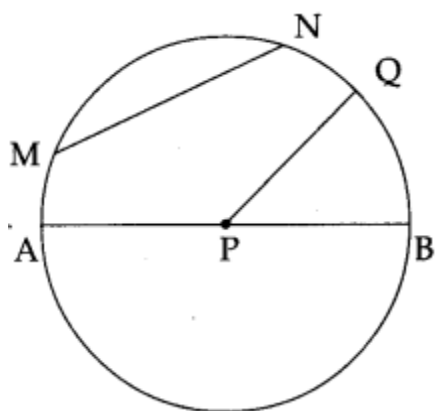
Answer:

In a circle, P is the centre.

AB is a diameter.

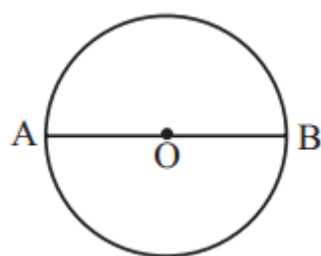
PQ is a radius

MN is a chord



Relationship between radius and diameter

Study the circle given alongside. Think over the following questions.



- Which are the radii in the circle?
- How many radii make up diameter AB?
- If the length of one radius is 3 cm, what is the length of the diameter?
- How long is the diameter as compared to the radius?

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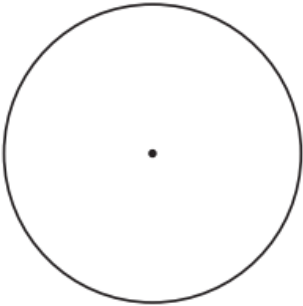
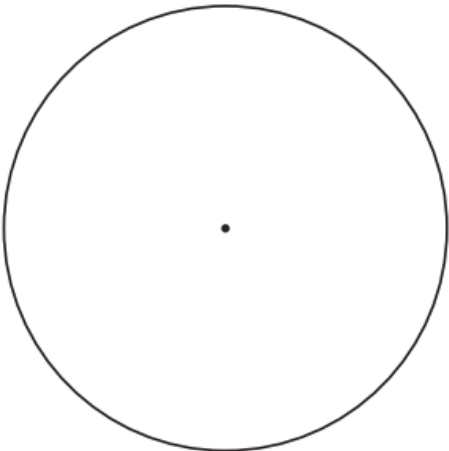
The diameter of a circle is twice the length of its radius.

- If another diameter CD is drawn on the same circle, will its length be the same as that of AB?

All the diameters of a circle are of the same length.

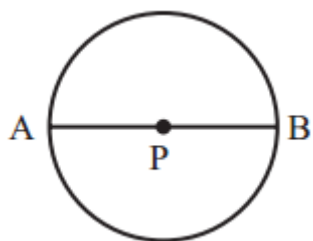
Test 1 :

Measure the diameters and radii of the circles given below with a ruler and verify the relationship between their lengths.

Diagram			
Radius	1 cm		
Diameter	2 cm		

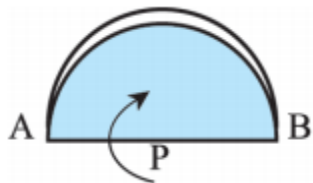
Test 2 :

1. Draw a circle on a piece of paper and cut it out.

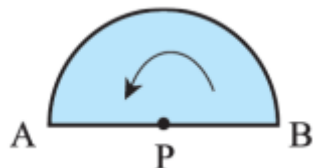


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2. Name the centre of the circle P.



3. Draw the diameter of the circle and name it AB. Note that PA and PB are radii of the circle.



4. Fold the circular paper along AB as shown in the picture.



Fold the paper at P in such a way that point B will fall on point A. Radius PB falls exactly on radius PA. In other words, they coincide.

From this, we can see that every radius of a circle is half the length of its diameter.

Additional Important Questions and Answers

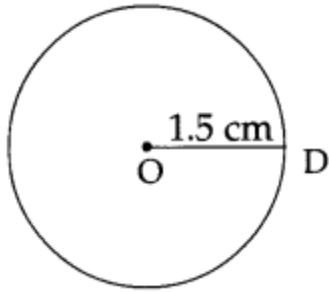
Question 1.

Draw circles with the radii given below:

(1) 1.5 cm

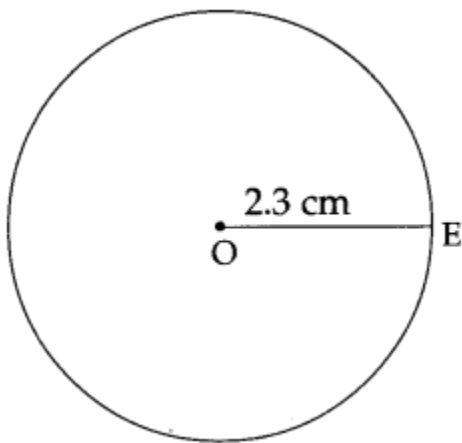
Answer:

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(2) 2.3 cm

Answer:



Question 2.

Which one of the following statement is true:

- (1) All chords are diameters.
- (2) All diameters are chords.

Answer:

Statement (2) is true.

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- Chapter 1- Roman Numerals (Problem Set 1)
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- 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)
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- Chapter 3- Addition and Subtraction (Problem Set 8)
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- Chapter 3- Addition and Subtraction (Problem Set 12)
- Chapter 3- Addition and Subtraction (Problem Set 13)
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- 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 19)
- Chapter 5- Fractions (Problem Set 20)
- Chapter 5- Fractions (Problem Set 21)

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- Chapter 5- Fractions (Problem Set 23)
- Chapter 6- Angles (Problem Set 24)
- Chapter 6- Angles (Problem Set 25)
- Chapter 6- Angles (Problem Set 26)
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- 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)
- Chapter 8- Multiples and Factors (Problem Set 33)
- Chapter 10- Measuring Time (Problem Set 44)
- 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)
- Chapter 12- Perimeter and Area (Problem Set 48)
- Chapter 12- Perimeter and Area (Problem Set 49)
- 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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