I'm not a bot



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 secant as a line intersecting at ... AI-enhanced title and descriptionSaveSave Math 10 Q 2 Module 5 For Later86%86% found this document useful, undefined A sector of a circle to the shape of a pizza slice. A sector is formed when two
 radii of the circle meet at both ends of the circle in geometry can be given as the part of the circle. The definition of the circle in geometry can be given as the part of the circle in geometry can be given as the part of the circle in geometry can be given as the part of the circle in geometry can be given as the part of the circle in geometry can be given as the part of the circle in geometry can be given as the part of the circle in geometry can be given as the part of the circle in geometry can be given as the part of the circle in geometry can be given as the part of the circle in geometry can be given as the part of the circle in geometry can be given as the part of the circle in geometry can be given as the part of the circle in geometry can be given as the part of the circle in geometry can be given as the part of the circle in geometry can be given as the part of the circle in geometry can be given as the part of the circle in geometry can be given as the part of the circle in geometry can be given as the part of the circle in geometry can be given as the part of the circle in geometry can be given as the part of the circle in geometry can be given as the part of the circle in geometry can be given as the part of the circle in geometry can be given as the part of the circle in geometry can be given as the part of the circle in geometry can be given as the part of the circle in geometry can be given as the part of the circle in geometry can be given as the part of the circle in geometry can be given as the part of the circle in geometry can be given as the part of the circle in geometry can be given as the part of the circle in geometry can be given as the part of the circle in geometry can be given as the part of the circle in geometry can be given as the part of the circle in geometry can be given as the part of the circle in geometry can be given as the part of the circle in geometry can be given as the part of the circle in geometry can be given as the part of the circle in geometry can be given a
 circle to form two sectors. Minor sector if the minor sector if the minor sector if the major sector if th
 the greater area. The angle of a major sector is given as "r" and the area of a sector is given as "r" and the angle of the sector is given as a sector is g
 the center. As we know, for a complete circle, the angle made at the center is equal to 2 or $360^\circ$ times \pi r^2$ If is measured in radians, then "the area of a sector of a circle formula" is given by Area of sector $= \frac{\theta}{360^\circ}. If is measured in radians, then "the area of a sector of a circle formula" is given by Area of sector $= \frac{\theta}{360^\circ}.
 frac{1}{2} \times \theta \times r^2$ Perimeter of sector $=2r + \frac{\theta}{360}$ \times 2\pi r$ How can we find the area of a sector of a circle when the central angle is not given? Let's find out. If l is the length of the arc, r is the radius of the circle and \theta is the angle subtended at the center, then the angle is expressed in terms of l and r as
\frac{1}{r}, where is in radians. If the angle of the sector \frac{1}{r}, where is in radians. If the angle \frac{r^2}{2} = \frac{r^2}{2} = \frac{r^2}{2} Area of the sector \frac{r^2}{2} = \frac{r^2}{2} Area of the sector \frac{r^2}{2} = \frac{
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 is called a quadrant. A section or part of a circle involved by two radii with a central angle of $180^\circ$ is called a semicircle. The combination of any two hands or minute hands and second hands or minute hands are minute hands and second hands are minute hands and second hands are minute hands and second hands are minute hands are minute hands are minute hands and second hands are minute hands are minute
 circle, minor and major sector, the sector formula for area, perimeter and arc length with and without angle. Now, let us look at some solved examples and practice questions. Calculate the area of sector $= \frac{\theta}{360^\circ}\times\pi
 r^2 = \frac{60^\circ (60^\circ (60
 \frac{3}{2}\times5^2 =37.5$ sq. feet. Find the central angle of a sector (in degrees) which has a 25 sq. yard area and a radius of 4 yards. Use $\pi = 3.14$. Solution: Radius of sector $= r = 4$ yards Area of sector $= 25$ sq. yards If is measured in degrees, then Area of the sector $= \frac{\theta}{360^\circ} \times \pi r^2$ $25 = \frac{\theta}{\theta}}
  360^\circ  times 3.14\times 4^2$ $\theta = \frac{25\times 360}{3.14\times 4^2} = 179.14^0$ Find the perimeter of the sector $= 175^\circ$ The perimeter of sector $= 2r + \frac{\theta}{360}\times 2\pi r$ $=(2\times 8) + \frac{115^\circ}
   360^\circ = 10 + 12.56 in Find the area and perimeter of a sector with a radius of 10 feet and an arc length of 12.56 feet. Solution: The radius of sector = r = 10 feet Arc length = 12.56 feet Area of the sector without an angle = \frac{12.56} feet Area of the sector without an angle = \frac{12.56} feet Area of the sector without an angle = \frac{12.56} feet Area of the sector without an angle = \frac{12.56} feet Area of the sector without an angle = \frac{12.56} feet Area of the sector without an angle = \frac{12.56} feet Area of the sector without an angle = \frac{12.56} feet Area of the sector without an angle = \frac{12.56} feet Area of the sector without an angle = \frac{12.56} feet Area of the sector without an angle = \frac{12.56} feet Area of the sector without an angle = \frac{12.56} feet Area of the sector without an angle = \frac{12.56} feet Area of the sector without an angle = \frac{12.56} feet Area of the sector without an angle = \frac{12.56} feet Area of the sector without an angle = \frac{12.56} feet Area of the sector without an angle = \frac{12.56} feet Area of the sector without an angle = \frac{12.56} feet Area of the sector without an angle = \frac{12.56} feet Area of the sector without an angle = \frac{12.56} feet Area of the sector without an angle = \frac{12.56} feet Area of the sector without an angle = \frac{12.56} feet Area of the sector without an angle = \frac{12.56} feet Area of the sector without an angle = \frac{12.56} feet Area of the sector without an angle = \frac{12.56} feet Area of the sector without an angle = \frac{12.56} feet Area of the sector without an angle = \frac{12.56} feet Area of the sector without an angle = \frac{12.56} feet Area of the sector without an angle = \frac{12.56} feet Area of the sector without an angle = \frac{12.56} feet Area of the sector without an angle = \frac{12.56} feet Area of the sector without an angle = \frac{12.56} feet Area of the sector without an angle = \frac{12.56} feet Area of the sector without an angle = \frac{12.56} feet Area of the sector without an angle = \frac{12.56} feet Area of the se
  r = 12.56 \times 
 frac{\theta pir}{180} = \frac{120\times 180} = \frac{120\times 180} = 10.47 feet Attend this quiz & Test your knowledge. Correct answer is: radii The sector of a circle is formed by two radii and an arc. Correct answer is: $90^\circ$The quadrant of a
circle can be a sector of a circle with a central angle of $90^\circ$\times\pi r^2$Area of sector =\frac{180^\circ r^2$Area of sector $=\frac{180^\circ r^2$Area of sector $=\frac{
 radians, then Area of sector $= \frac{\theta}{2}\times r^2$Correct answer is: $\frac{1}{4}$$ of that of the circle is a part of the circle that is enclosed
 by two radii and an arc of the circle as a part of its boundary. What is the area of the sector of a circle composed of? The area of the sector of a circle? The perimeter of a sector is formed by two radii and an arc. Perimeter of
 the sector = 2r + 1 = 2r + \frac{360} \times 2 = 2r + 1 = 2r + \frac{360} \times 2 = 2r + 1 = 2r + \frac{360} \times 2 = 2r + 1 = 2r 
 sector without an angle = \frac{1r}{2}, where r = \frac{1r}{2}, where
 angle of the sector. One stop for learning fun!Games, activities, lessons - it's all here!Explore All TutrsStringent selection, robust training, and continuous upskilling.To match your child's unique personality and learning style.Exam prep, Homework help, Advanced learning, and Remedial support.Helping 200,000+ students succeed!Received
 prestigious President's Education Awards Program from the President of US. Tops her class with an outstanding score of 77.5/80. Received prestigious Pradhan Mantri Rashtriya Bal Puraskar from the Prime Minister of India. Got Level 5 in the STAAR exam at the Renaissance Institute for Competitive Exams. Secured Rank 1 at SOF IMO Level 1 2023
 by scoring an outstanding 100/100! Received prestigious President's Education Awards Program from the President of US. Tops her class with an outstanding score of 77.5/80. Received prestigious President's Education Awards Program from the President of US. Tops her class with an outstanding score of 77.5/80. Received prestigious President's Education Awards Program from the President of US. Tops her class with an outstanding score of 77.5/80. Received prestigious President of US. Tops her class with an outstanding score of 77.5/80. Received prestigious President of US.
 Exams. Secured Rank 1 at SOF IMO Level 1 2023, by scoring an outstanding 100/100! Received prestigious President's Education Awards Program from the Prime Minister of India. Got Level 5 in the STAAR exam
 at the Renaissance Institute for Competitive Exams. My son started Cuemath in Grade 1 & now he is in Grade 7. All these years, I have been reassured for math subject! I'm sure he will continue with Cuemath till it serves! Cuemath has helped my kids learn math concepts and practice them in an online setting. It is a great online platform with 1:1
 learning experience. Our daughter was losing interest in math. After 4-5 classes, I could see her asking for homework. She started liking math again and has now developed a lot of interest. Cuemath keeps introducing new methods, systems, & make it interesting for learners. Unlike the traditional teaching system, it has innovated a different way of
 teaching. My son has been taking coaching from Cuemath and is showing consistent improvement. It is mainly because of the standard curriculum, mentoring, supervision, & teaching. Have been a great platform with multiple avenues to augment my 8yr old's math skills. Good support from teacher too! My son started Cuemath in Grade 1 & now he is
in Grade 7. All these years, I have been reassured for math subject! I'm sure he will continue with Cuemath till it serves! Cuemath has helped my kids learn math concepts and practice them in an online setting. It is a great online platform with 1:1 learning experience. Our daughter was losing interest in math. After 4-5 classes, I could see her asking
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 mainly because of the standard curriculum, mentoring, supervision, & teaching. Have been a great platform with multiple avenues to augment my 8yr old's math skills. Good support from teacher too! We had a great experience with Cuemath. He started in 2021 and was quite weak but since joining Cuemath he has been getting better
 grades.Cuemath's app facilitates teacher-student interaction. The teacher in India understands our Australian math curriculum. We couldn't find such a teacher even locally.Private 1-to-1 tutoring that just works1-3 classes per week, with hassle-free scheduling.Customized learning plan for every child.Get regular insights on your child's progress.What
 is the frequency and duration of your classes? Typically, the number of classes is two per week for grades K to 8, and three per week for high school. But the schedule is flexible, according to your child's requirements and availability. Also, each class runs for 55 minutes, extendable to an hour. What devices do I need for attending your classes? A
 desktop or laptop computer that supports video calling is necessary for attending our classes. We also highly recommend a writing tablet for the best learning experience. My child has specific learning requirements. Is your program flexible enough? Absolutely. Our tutors will always customize the classes according to what your child needs - be it
 homework help, exam or test prep, remedial support for past gaps, or advanced learning. Can your tutors teach the topics covered in my child's school or curricula across countries. Further, we have a fully customizable curriculum, tailored to your child's needs. Can my child join anytime
 of the year?Yes. Our tutors always customize the learning plan according to your child's needs, and the time left in the current academic year. If you wish to cover additional topics in the same time, you can always schedule extra classes. What if I don't like the tutor?In the rare case that happens, please raise a ticket with our helpdesk. We'll be happy
 to diagnose the issue, and find you a different tutor that aligns better with your child's needs. What if I do not like your classes after I enroll? Will I get my money back? We have a no questions asked refund policy. If you're unhappy with the experience, you can cancel anytime for a full refund of the unused classes. What happens if my child misses a
 Cuemath class? We have a flexible leave policy that allows for both planned and unplanned leaves. Just keep your tutor informed. How can I keep track of my child's maths progress? We have a dedicated parent app, that lets you track the progress of your child, and also lets you connect with their tutor. How do I enroll for your classes? Please tap on the
 'Get Started' button. We'll ask you a few questions about your child to understand their needs better. Once we receive the details, our admissions counselor will call you to match your child with the right tutor, and schedule a free trial class as per your availability. If you like the experience, you can choose a plan and make the payment to begin your
 classes. Affordable and personalized. Try a class for free. Portion of a disk enclosed by two radii and an arc Not to be confused with circular sector, also known as circle sector or simply a sector (symbol: °), is the portion of a disk (a closed
 region bounded by a circle) enclosed by two radii and an arc, with the smaller area being known as the minor sector and the larger being the major sector. The angle formed by connecting the endpoints of the arc to any point on the
 circumference that is not in the sector is equal to half the central angle of 180° is called a half-disk and is bounded by a diameter and a semicircle. Sectors with other central angles are sometimes given special names, such as quadrants (90°), sextants (60°), and octants (45°), which come from the sector being one
 quarter, sixth or eighth part of a full circle, respectively. The arc of a quadrant (a circular arc) can also be termed a quadrant. See also: Circular arc § Sector area of the sector can be obtained by multiplying the circle is πr2. The area of the sector can be obtained by multiplying the circle is πr2. The area of the sector can be obtained by multiplying the circle is πr2. The area of the sector can be obtained by multiplying the circle is πr2. The area of the sector can be obtained by multiplying the circle is πr2. The area of the sector can be obtained by multiplying the circle is πr2. The area of the sector can be obtained by multiplying the circle is πr2. The area of the sector can be obtained by multiplying the circle is πr2. The area of the sector can be obtained by multiplying the circle is πr2. The area of the sector can be obtained by multiplying the circle is πr2. The area of the sector can be obtained by multiplying the circle is πr2. The area of the sector can be obtained by multiplying the circle is πr2. The area of the sector can be obtained by multiplying the circle is πr2. The area of the sector can be obtained by multiplying the circle is πr2. The area of the sector can be obtained by multiplying the circle is πr2. The area of the sector can be obtained by multiplying the circle is πr2. The area of the sector can be obtained by multiplying the circle is πr2. The area of the sector can be obtained by multiplying the circle is πr2. The area of the sector can be obtained by multiplying the circle is πr2. The area of the sector can be obtained by multiplying the circle is πr2. The area of the sector can be obtained by multiplying the circle is πr2. The area of the sector can be obtained by multiplying the circle is πr2. The area of the sector can be obtained by multiplying the circle is πr2. The area of the area of the sector can be obtained by multiplying the circle is πr2. The area of t
  \{ \hat{s} = \hat{s} = 1  Converting the central angle into degrees gives [3] A = \pi r 2 \theta \cdot 360 \cdot \{ \hat{s} \} \} The length of the perimeter of a sector is the sum of the arc length and the two radii: P = L + 2r = \theta r + 2r = 
 = r (\theta + 2)  {\displaystyle P=L+2r=\theta r+2r=\theta r+2r=\theta r+2r=\theta } where L represents the arc length, r represents the angle in radians made by the arc at the centre of the circle.[5] If the value of angle is given in
 degrees, then we can also use the following formula by:[6] L=2 \pi r \theta 360  (\displaystyle L=2\pi r \theta 360 ) The length of a chord formed with the extremal points of the arc is given by C=2 R \sin \theta 2  (\displaystyle L=2\pi r \theta 360 ).
 represents the angular width of the sector in radians. Circular segment - the part of the sector which remains after removing the triangle formed by the center of the sector in radians. Circular segment - the part of the sector which remains after removing the triangle formed by the center of the sector in radians. Circular segment - the part of the sector which remains after removing the triangle formed by the center of the sector in radians. Circular segment - the part of the sector which remains after removing the triangle formed by the center of the sector in radians.
 Dewan, Rajesh K. (2016). Saraswati Mathematics. New Delhi: New Saraswati House India Pvt Ltd. p. 234. ISBN 978-8173358371. Achatz, Thomas; Anderson, John G. (2005). Technical shop mathematics. Kathleen McKenzie (3rd ed.). New York: Industrial Press. p. 376. ISBN 978-0831130862. OCLC 56559272. Depail Shveta (2019). Mathematics.
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 Legendre, Adrien-Marie (1858). Davies, Charles (ed.). Elements of Geometry and Trigonometry. New York: A. S. Barnes & Co. p. 119. Retrieved from " A sector of a circle is a pie-shaped part of a circle and 2 radii of the circle meet at both
 endpoints of the arc formed a sector. The shape of a sector of a circle looks like a pizza slice or a pie. In geometry, a circle is one of the most perfect figures. The shape of a sector of a circle is one of the most perfect figures. The shape of a sector of a circle is one of the most perfect figures. The shape of a sector of a circle is one of the most perfect figures. The shape in geometry, a circle is one of the most perfect figures.
 what is a sector of a circle, formulas related to the sector of a circle along with solving a few examples on the sector of a circle. What is Sector of a circle hat can be defined based on the four points mentioned below: A portion of a circle is covered by two radii and an arc. A circle is divided into two sectors and the
 divided parts are known as minor sectors. The large portion of the circle is the major sector whereas the smaller portion is the minor sectors. The 2 radii meet at the part of the circle known as an arc, formed a sector of a circle known as the minor sector of a circle known as an arc, formed a sector of a circle known as minor sector.
 following figure to distinguish between the minor sector and major sector. The portion OAPB of the circle is called the minor sector and the portion OAPB of the circle is called the minor sector and the portion of a circle is called the minor sector and the portion of a circle is called the minor sector and the portion of a circle is called the minor sector and the portion of a circle is called the minor sector and the portion of a circle is called the minor sector and the portion of a circle is called the minor sector and the portion of a circle is called the minor sector and the portion of a circle is called the minor sector and the portion of a circle is called the minor sector and the portion of a circle is called the minor sector and the portion of a circle is called the minor sector and the portion of a circle is called the minor sector and the portion of a circle is called the minor sector and the portion of a circle is called the minor sector and the portion of a circle is called the minor sector.
 within the boundary of a sector of a circle. A sector always initiates from the center of the circle is also a sector of a circle, in this case, a circle is having two sectors of equal size. Let's learn about how to calculate the area of a sector. If the radius of the circle is (r) and the angle of the sector is (θ) is given, then the formula used to
 calculate the area of the sector is of: Area of sector (A) = (\theta/360^\circ) × \pi2 fis the angle in degrees. r is the radius of the sector with angle \theta is given by; \theta3 is the angle in degrees. r is the radius of the sector with angle \theta4 is given by; \theta5 is the angle in degrees. r is the radius of the sector with angle \theta5 is given by; \theta6 is the angle \theta7 is the angle \theta7 is the angle \theta8 is given by; \theta8 is the angle \theta9 is the
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 l/r, where \theta is in radians. Area of a sector of a circle = (l \times r)/2 Perimeter of a Sector of a circle = (l \times r)/2 Perimeter of a Sector of a circle = (l \times r)/2 Perimeter of a Sector of a circle = (l \times r)/2 Perimeter of a Sector of a circle. Perimeter of a Sector of a Circle = (l \times r)/2 Perimeter of a Sector of a Circle = (l \times r)/2 Perimeter of a Sector of a Circle = (l \times r)/2 Perimeter of a Sector of a Circle = (l \times r)/2 Perimeter of a Sector of a Circle = (l \times r)/2 Perimeter of a Sector of a Circle = (l \times r)/2 Perimeter of a Sector of a Circle = (l \times r)/2 Perimeter of a Sector of a Circle = (l \times r)/2 Perimeter of a Sector of a Circle = (l \times r)/2 Perimeter of a Sector of a Circle = (l \times r)/2 Perimeter of a Sector of a Circle = (l \times r)/2 Perimeter of a Sector of a Circle = (l \times r)/2 Perimeter of a Sector of a Circle = (l \times r)/2 Perimeter of a Sector of a Circle = (l \times r)/2 Perimeter of a Sector of a Circle = (l \times r)/2 Perimeter of a Sector of a Circle = (l \times r)/2 Perimeter of a Sector of a Circle = (l \times r)/2 Perimeter of a Sector of a Circle = (l \times r)/2 Perimeter of a Sector of a Circle = (l \times r)/2 Perimeter of a Sector of a Circle = (l \times r)/2 Perimeter of a Sector of a Circle = (l \times r)/2 Perimeter of a Sector of a Circle = (l \times r)/2 Perimeter of a Sector of a Circle = (l \times r)/2 Perimeter of a Sector of a Circle = (l \times r)/2 Perimeter of a Sector of a Circle = (l \times r)/2 Perimeter of a Sector of a Circle = (l \times r)/2 Perimeter of a Sector of a Circle = (l \times r)/2 Perimeter of a Sector of a Circle = (l \times r)/2 Perimeter of a Sector of a Circle = (l \times r)/2 Perimeter of a Sector of a Circle = (l \times r)/2 Perimeter of a Sector of a Circle = (l \times r)/2 Perimeter of a Sector of a Circle = (l \times r)/2 Perimeter of a Sector of a Circle = (l \times r)/2 Perimeter of a Sector of a Circle = (l \times r)/2 Perimeter of a Sector of a Circle = (l \times r)/2 Perimeter of a Sector of a Circle = (l \times r)/2 Perimeter of a Sector of a Circle = (l \times r)/2 Perimeter of a 
 Articles on Sector of a Circle Check out these interesting articles to know more about Sector of a Circle Example 1: What is the length of the sector of a Circle Example 1: What is the length of the sector of a Circle Example 1: What is the length of the sector of a Circle Example 1: What is the length of the sector of a Circle Example 1: What is the length of the sector of a Circle Example 1: What is the length of the sector of a Circle Example 1: What is the length of the sector of a Circle Example 1: What is the length of the sector of a Circle Example 1: What is the length of the sector of a Circle Example 1: What is the length of the sector of a Circle Example 1: What is the length of the sector of a Circle Example 1: What is the length of the sector of a Circle Example 1: What is the length of the sector of a Circle Example 1: What is the length of the sector of a Circle Example 1: What is the length of the sector of a Circle Example 1: What is the length of the sector of a Circle Example 1: What is the length of the sector of a Circle Example 1: What is the length of the sector of a Circle Example 1: What is the length of the sector of a Circle Example 1: What is the length of the sector of a Circle Example 1: What is the length of the sector of a Circle Example 1: What is the length of the sector of a Circle Example 1: What is the length of the sector of a Circle Example 2: What is the length of the sector of a Circle Example 2: What is the length of the sector of a Circle Example 3: What is the length of the sector of a Circle Example 3: What is the length of the sector of a Circle Example 3: What is the length of the sector of a Circle Example 3: What is the length of the sector of a Circle Example 3: What is the length of the sector of a Circle Example 3: What is the length of the sector of a Circle Example 3: What is the length of the sector of a Circle Example 3: What is the length of the sector of a Circle Example 3: What is the length of the sector of a Circle Example 3: What is the length of th
(40^\circ/360^\circ) \times (22/7) \times 7 \times 7 = 154/9 square units The length of the sector = (\theta/360^\circ) \times 2\pi r l = (40^\circ/360^\circ) \times 2\pi
 sector of circle = (lr)/2 = (8 \times 20)/2 = 80 square units. Example 3: Find the perimeter of the sector of a circle whose radius is 8 units and a circular arc makes an angle of 30° at the center. Use \pi = 3.14. Solution: Given that r = 8 units, \theta = 30^{\circ} = 30^{\circ} \times (\pi/180^{\circ}) = \pi/6 Perimeter of sector is given by the formula; P = 2 r + r \theta P = 2 (8) + 8 (\pi/6) P = 16
  + 4π/3 P = 16 + (4 × 3.14)/3 = 20.187 units Hence, Perimeter of sector is 20.187 units. Show Answer > go to slidego to slidego to slidego to slide Have questions on basic mathematical concepts? Become a problem-solving champ using logic, not rules. Learn the why behind math with ourCuemath's certified experts. Book a Free Trial Class FAQs on Sector of a
Circle To calculate the area of a sector of a circle we have to multiply the central angle by the radius squared, and divide it by 2. Area of a sector of a circle = (\theta \times r^2)/2 where \theta is measured in degrees. What do you understand by the Sector of a
Circle? The part of a circle covered by 2 radii of a circle and their intercepted arc(the arc coming in that portion) is a sector of a circle. What is a Perimeter of a Sector of a circle extends within the angle "\theta" is a perimeter of a Sector of a circle.
or in other words the sum of the lengths of the arc and the two radii. Formula to calculate the perimeter of a sector of a circle Without an Angle? We can find an area of a sector of a circle when the angle is missing. An angle of sector of a circle subtended by the arc
length(radius of the circle) at the center is equal to one radian also equal to the ratio of the length of a sector of a circle and radius of a sector of a circle and radius of a sector of a circle without an angle is mentioned below. Area of a sector of a circle and radius of the circle and rad
part of a circle whereas a sector is a pie-shaped part of a circle is divided into two equal portions that are in semicircles then the sectors are of the same size otherwise in other cases like, if part of a circle is pie-shaped then one sector is larger than
the other. The larger one is known as the major sector and the smaller one is known as a minor sector of a circle. Q1: Find the area of quadrant of a circle with radius measuring 4 units.55/7 sq. units44/7 sq. units22/7 sq. units22/7 sq. units88/7 sq.
unitsQ3: A cake in the shape of a circle is cut into 9 equal slices. If the cake had a radius of 15 cm, find the area of each slice.98.54 cm243.98 cm265.49 cm278.53 cm2Q4: Two circles with radius 6 cm and 9 cm have two sectors will be:2:58:39:29:4Q5: The area of a sector is π/2 times the
square of the radius of the circle. is the angle subtended at the centre by the sector.45°22.5°225°180°
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