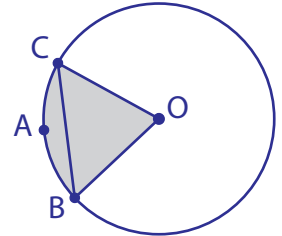


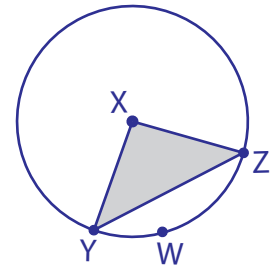
Area of a segment

Round the answers to two decimal places.

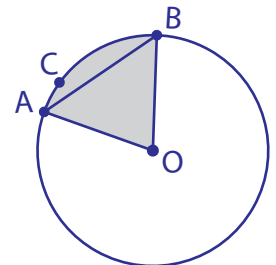
- 1) The triangle has base 24 in and height 16 in. If the area of a segment is 66 in^2 , then find the area of a sector made by the chord.



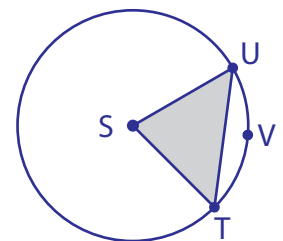
- 2) If the area of a segment made by the chord is 83 yd^2 and the circle has radius 17 yd and the central angle is a right angle, find the area of the sector.



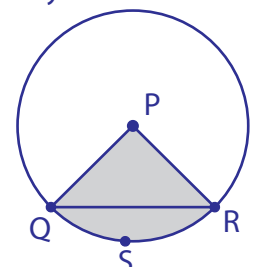
- 3) The triangle has base 10 in and height 6 in. If the area of the segment formed is 17 ft^2 . Find the area of the sector.



- 4) If the area of a segment formed by the chord which subtends an angle of 75° and the radius of the circle is 10 cm, find the area of the segment.



- 5) The triangle has base 12 yd and height 6 yd and the area of a segment so formed is 21 yd^2 . Find the area of the segment.



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