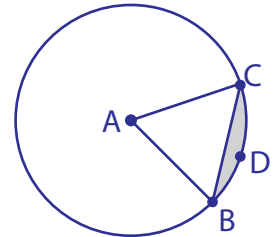


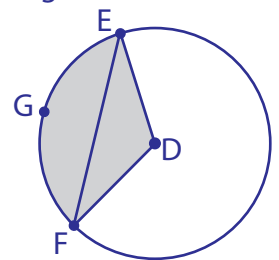
## Area of a segment

- 1) Find the area of the segment of a circle, if the area of a triangle and area of a sector are  $35 \text{ in}^2$  and  $42 \text{ in}^2$  respectively.



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- 2) Find the area of the sector of a circle, if the area of a triangle is  $97.43 \text{ yd}^2$  and area of a segment is  $138.07 \text{ yd}^2$ .



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- 3) The area of a segment a

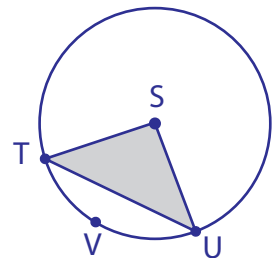
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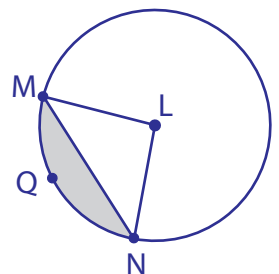
- Find the area of the triangle.



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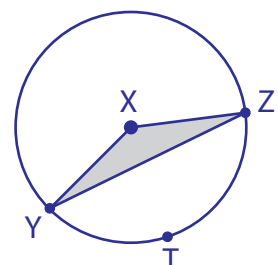
- 4) The area of a triangle ar

7. Find the area of the segment.



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- 5) If the area of a segment and area of a sector are  $604.97 \text{ yd}^2$  and  $825.47 \text{ yd}^2$  respectively, then find the area of the triangle.



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