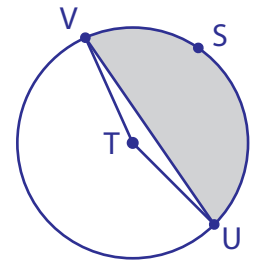


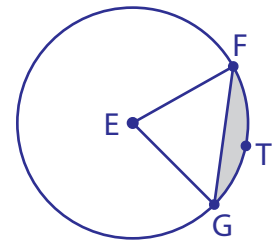
Area of a segment

Round the answers to two decimal places.

- 1) The chord of length 120 ft is 11 ft away from the center of a circle of radius 61 ft subtends an angle of 159° . Find the area of the shaded part.



- 2) Find the shaded area if the radius of the circle = 10 yd, base of the triangle = 12 yd, height of the triangle = 8 yd and $\theta =$



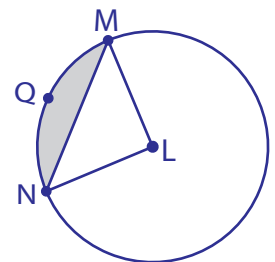
- 3) Find the area of the seg

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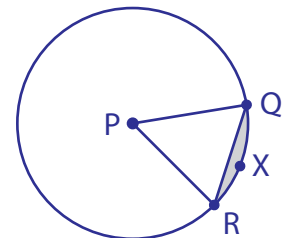
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- 4) Find the area of the seg height of a triangle are :

le is 55° . The base and



- 5) In the figure, $\overline{XY} = 5$ in, $\overline{YZ} = 8$ in, $\overline{XP} = 3$ in and $\angle X = 106^\circ$. Find the area of a segment.

