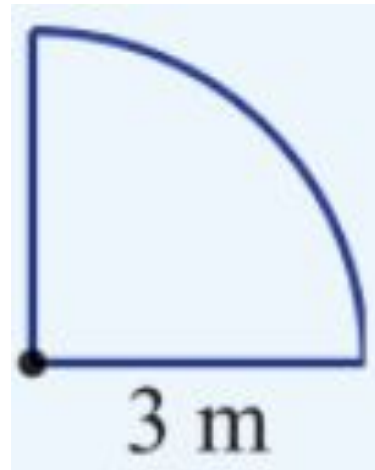
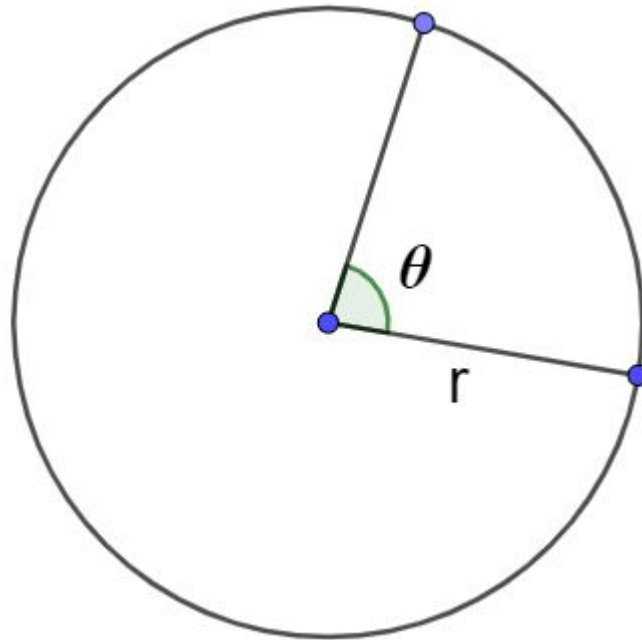


## AREA OF A PORTION OF A CIRCLE - EXAMPLE



$$\begin{aligned} A &= \frac{1}{4} \times \pi r^2 \\ &= \frac{1}{4} \times \pi \times 3^2 \\ &= 7.07 \text{ m}^2 \quad (\text{to 2 decimal places}) \end{aligned}$$

## AREA OF SECTOR



$$\text{Area of sector} = \frac{\theta}{360} \times \pi r^2$$