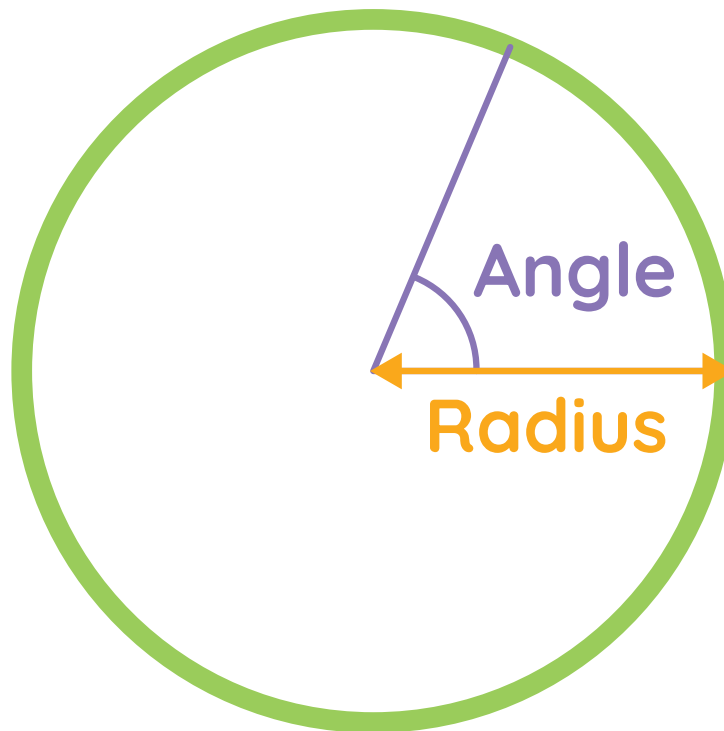


Area Of A Sector



A sector is a portion of a circle, delimited by two radii and an arc. The area of a sector is proportional to the central angle that it subtends, and can be expressed as a fraction of the area of the full circle.



How to calculate the area?

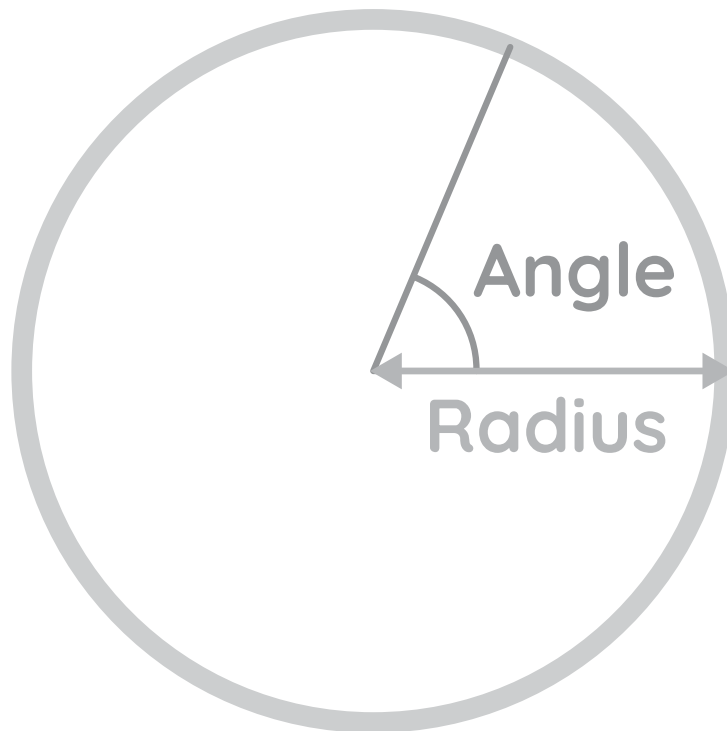
$$\text{Area} = \frac{\pi \times \text{Radius}^2 \times \text{Angle}}{360}$$

$$\pi = 3.14159$$

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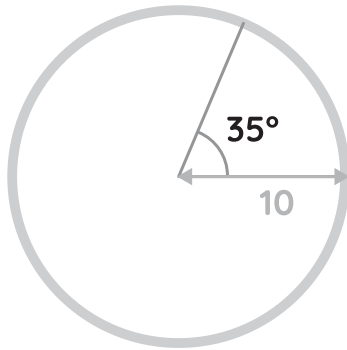
$$\pi = 3.14159$$

Area Of A Sector

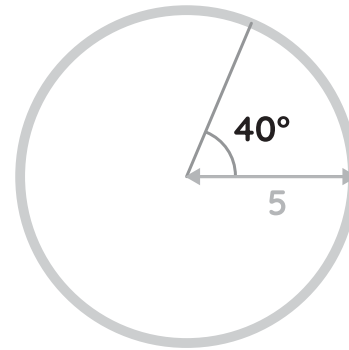
Name: _____

➤ Calculate the area of each sector:

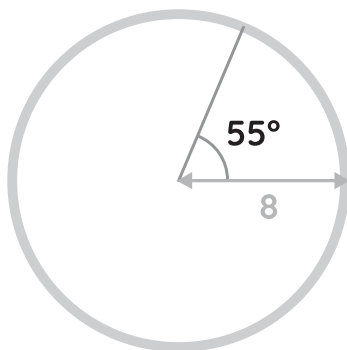
The shapes are not proportional to the measurements, it's just for illustrative purposes.



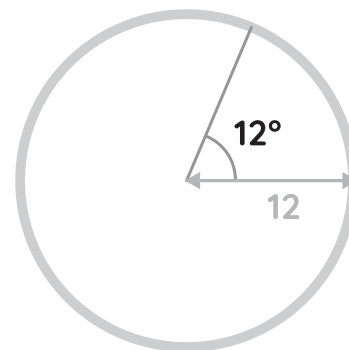
Area =



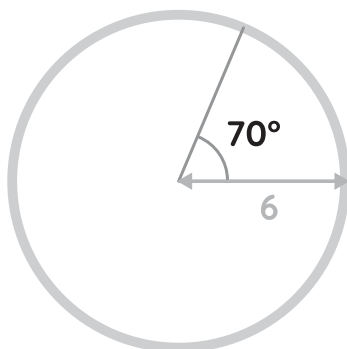
Area =



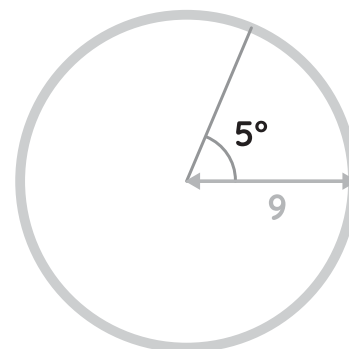
Area =



Area =



Area =



Area =