

3.4 Circle

Checklist

What you should know

By the end of this subtopic you should be able to:

- find the length of an arc using the formula

$$l = \frac{\theta}{360} \times 2\pi r$$

where r is the radius and θ is the angle measured in degrees

- find the area of a sector using the formula

$$A = \frac{\theta}{360} \times \pi r^2$$

where r is the radius and θ is the angle measured in degrees.

