

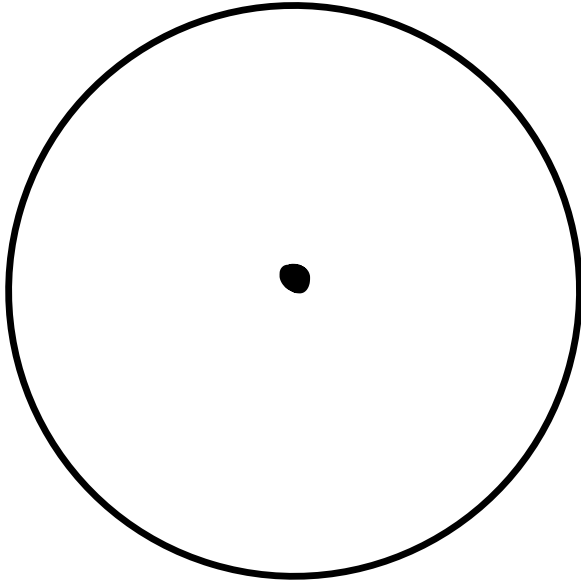
Circle and sector



By Kru ชี



Parts of circle





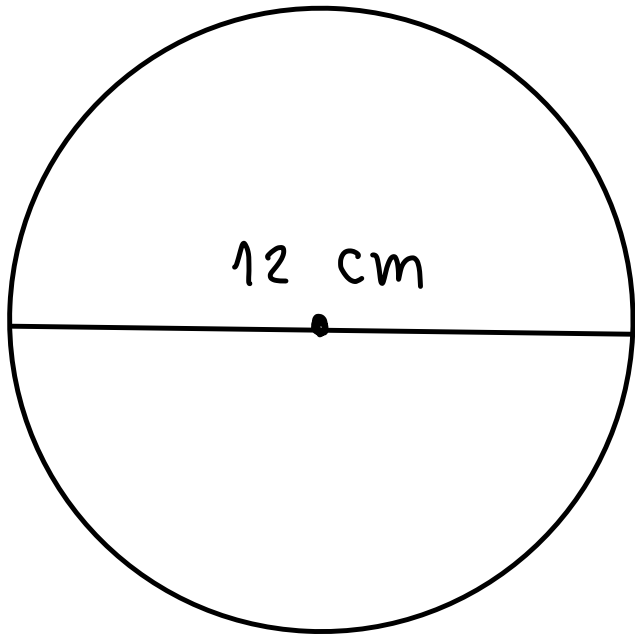
What is pi ???



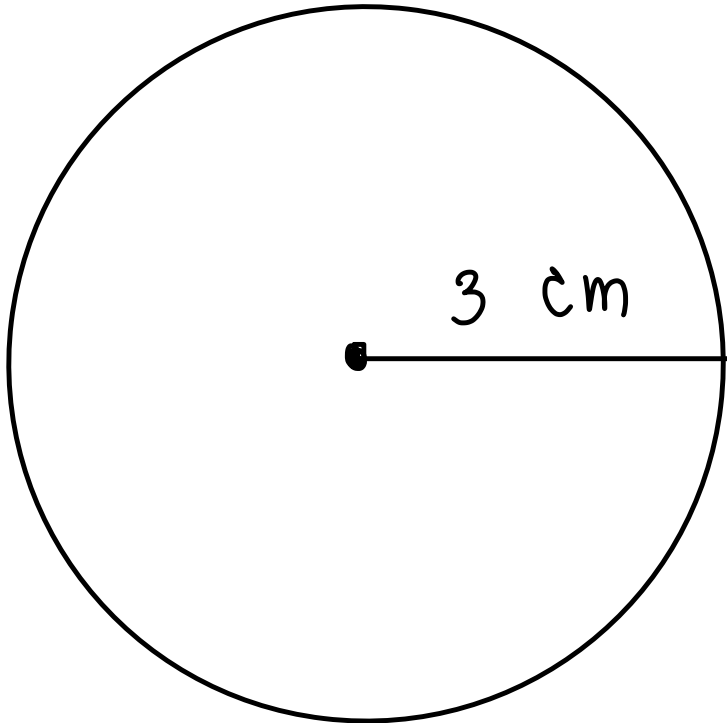
Circumference of circle

Example

Find the circumference

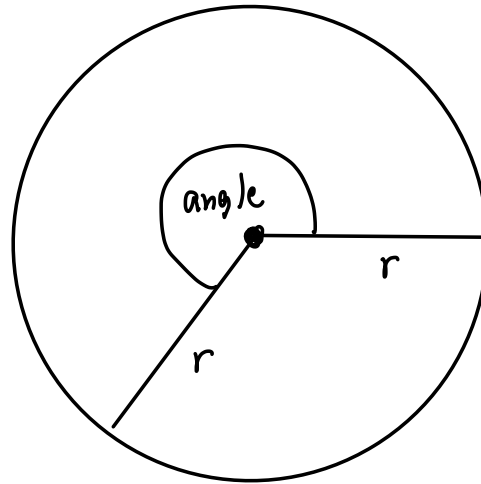
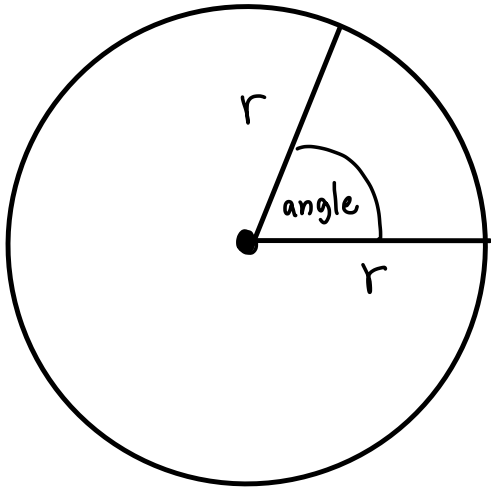


Example

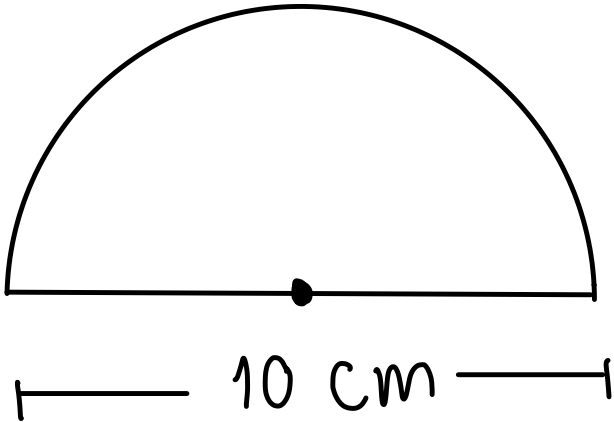


Find the circumference

Arc length



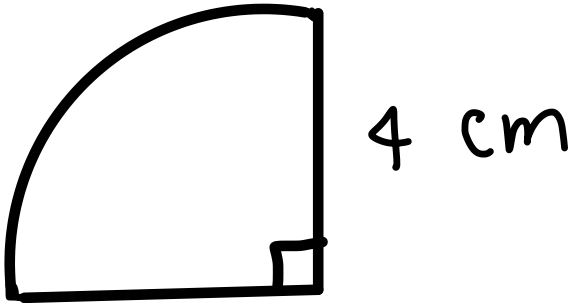
Example



Semi circle

Find the arc length and perimeter

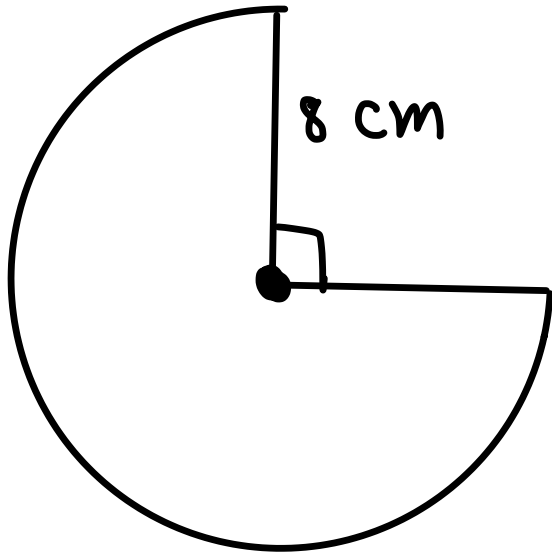
Example



A quarter of circle

Find the arc length and perimeter

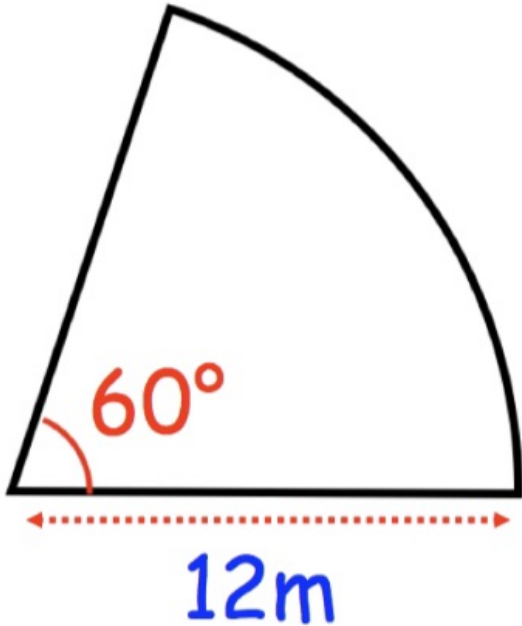
Example



Three quarters of circle

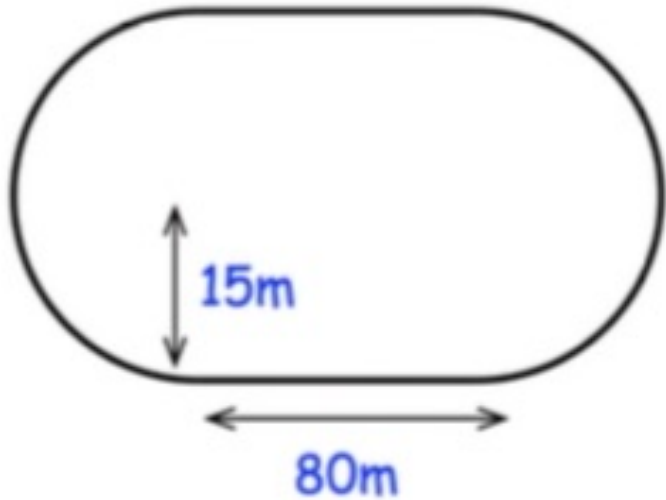
Find the arc length and perimeter

Example



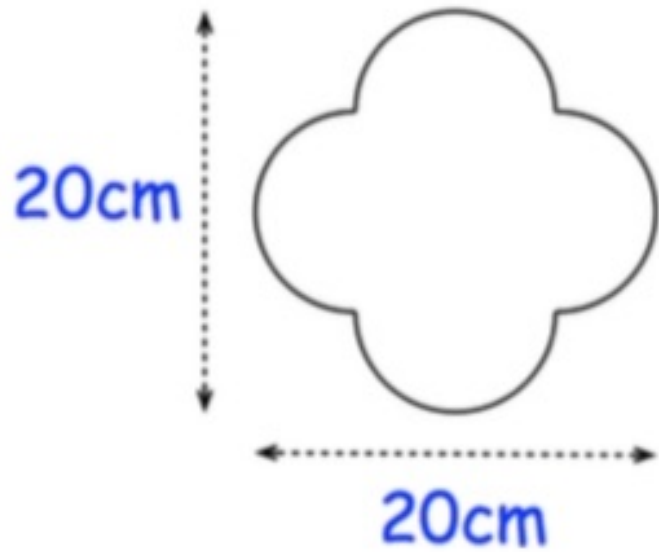
Find the arc length and perimeter

Example Find the perimeter



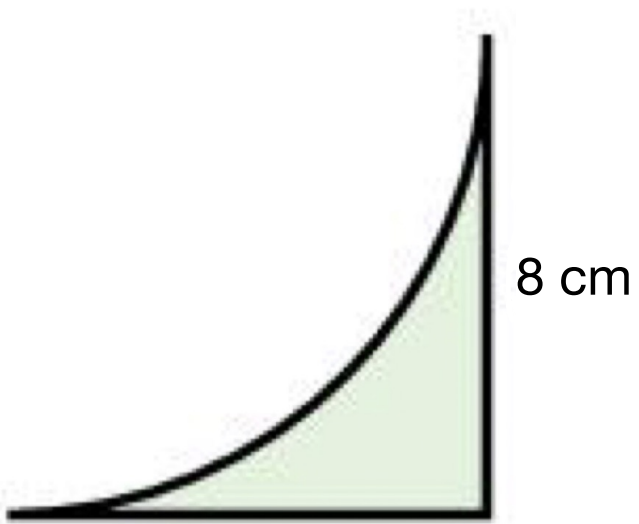
Example

Find the perimeter



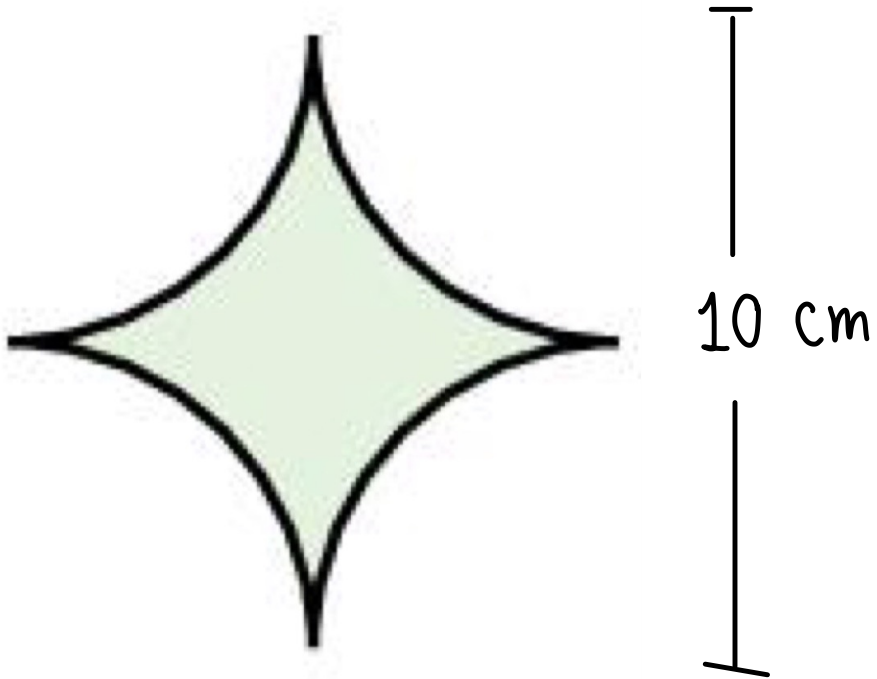
Example

Find the perimeter



Example

Find the perimeter



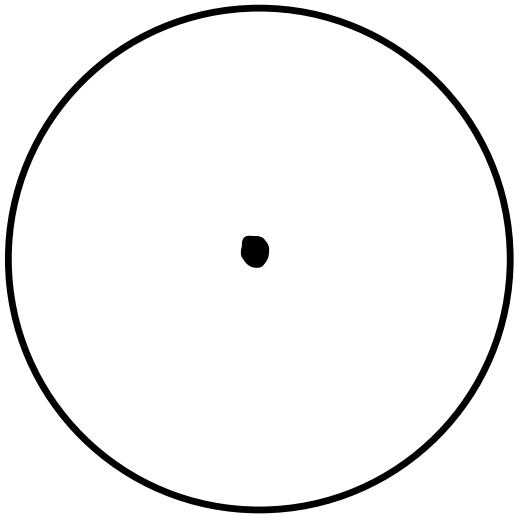
Example Find the perimeter

A semi-circle has a perimeter of 80cm.
Calculate x

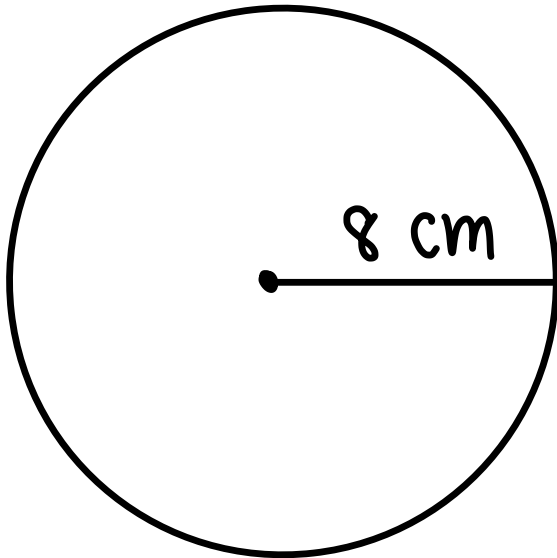
Perimeter = 80cm



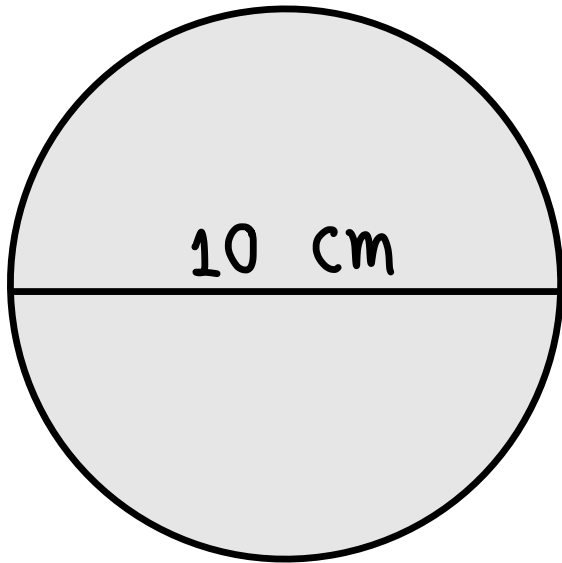
Area of circle



Example

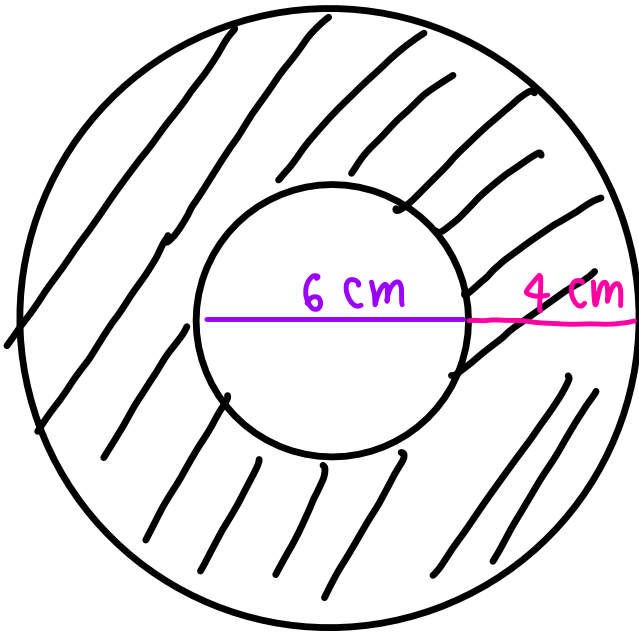


Example

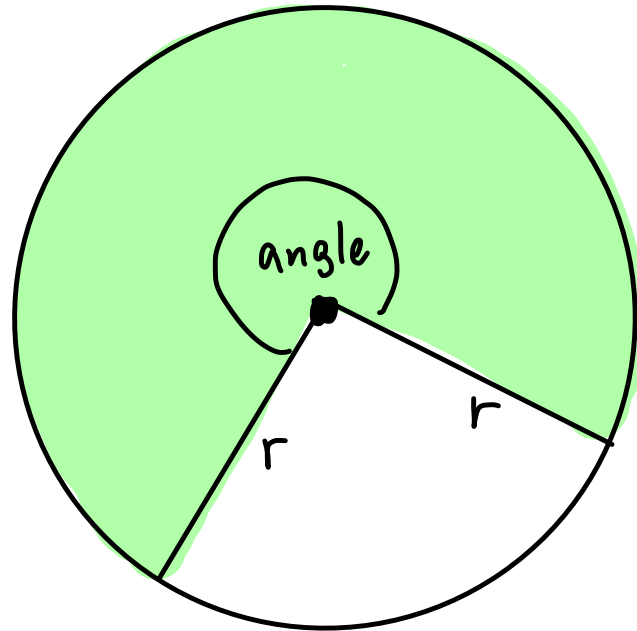
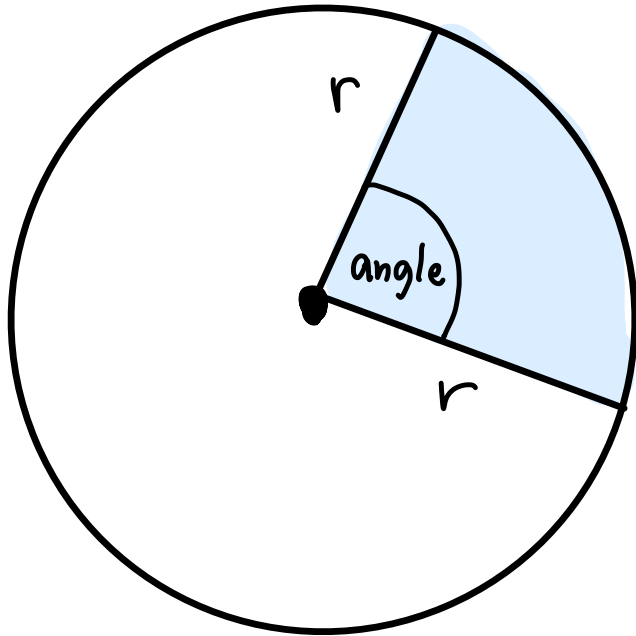


Example

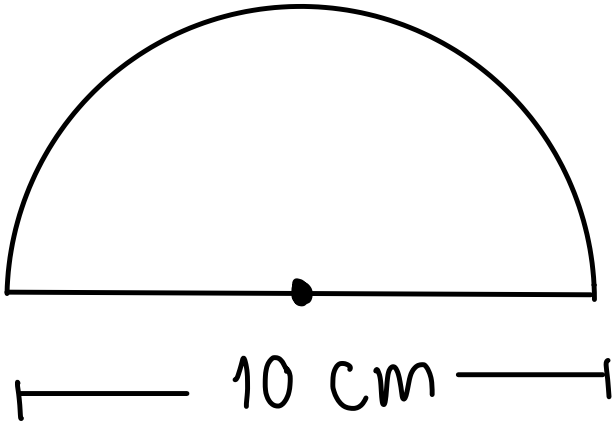
Find the shaded area



Area of sector



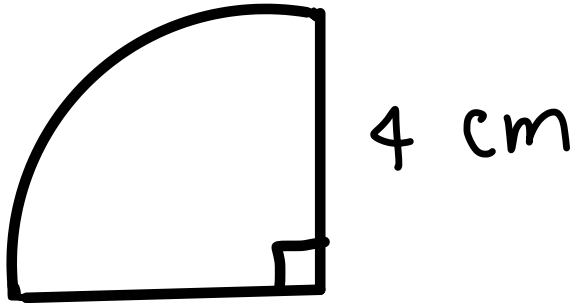
Example



Semi circle

Find the area

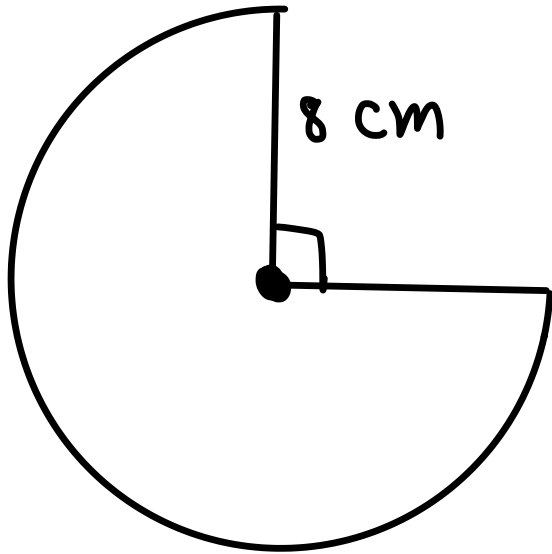
Example



A quarter of circle

Find the area

Example

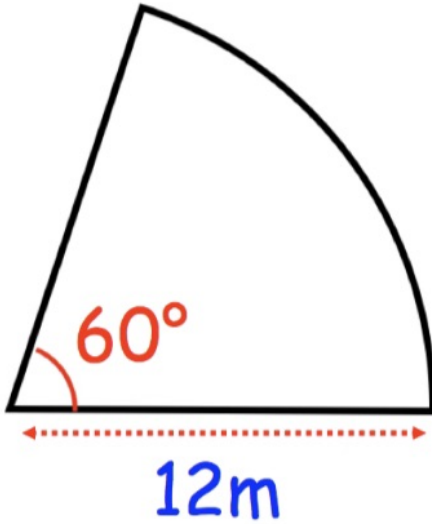


Three quarters of circle

Find the area

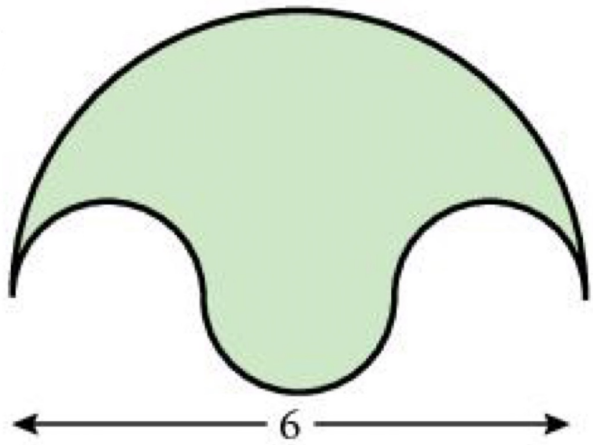
Example

Find the area



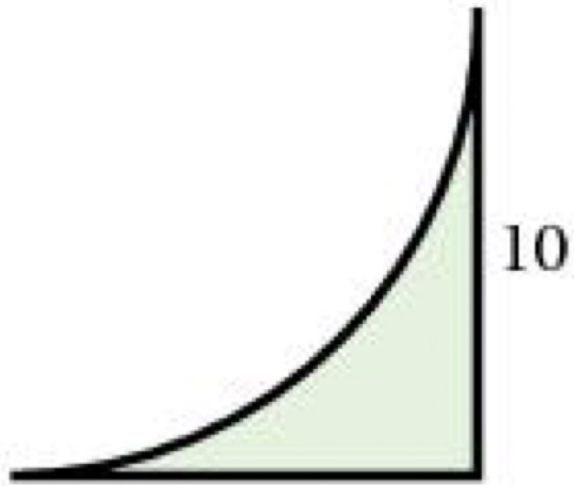
Example

Find the area



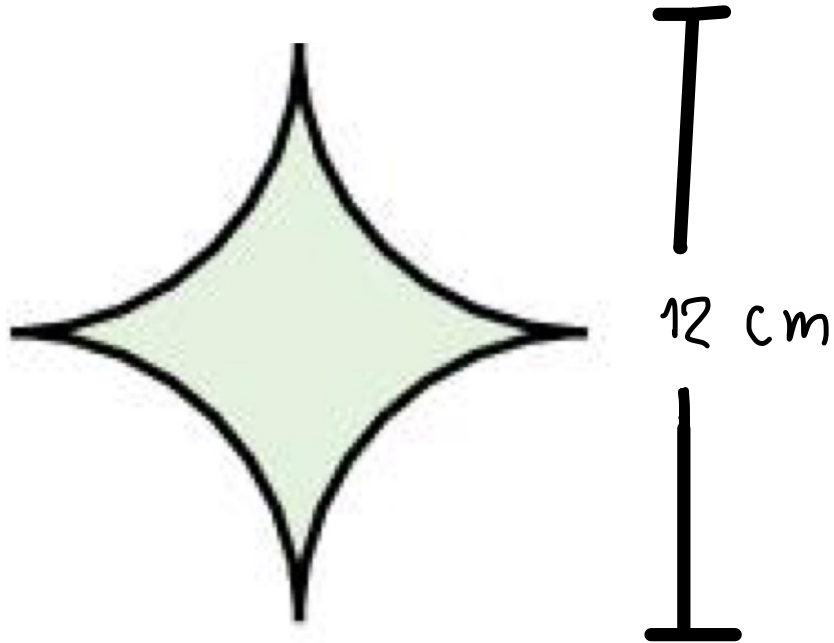
Example

Find the area



Example

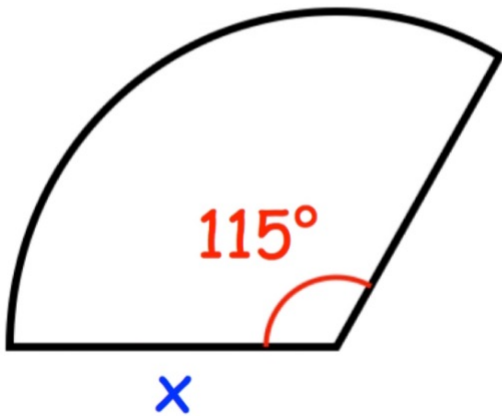
Find the area



Example

Find the value of radius x

Area = 20cm^2



Example

The perimeter of the sector below is 103cm
Find the area of the sector

