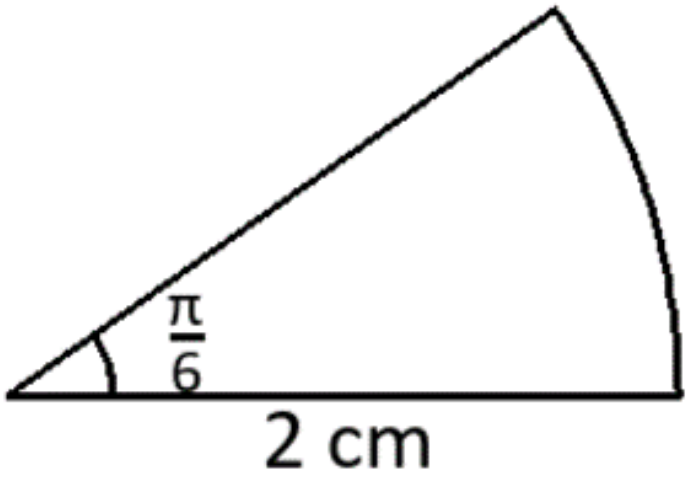
$3\pi + 24\ cm$

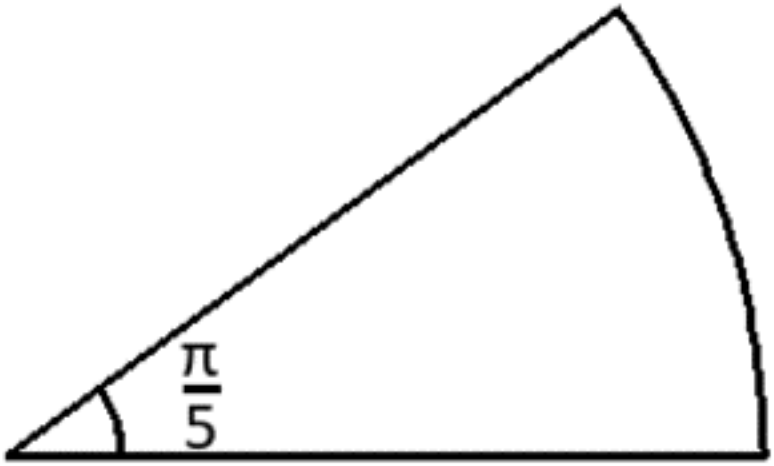
Find the length of the arc in terms of π



A

$50\pi\ cm^2$

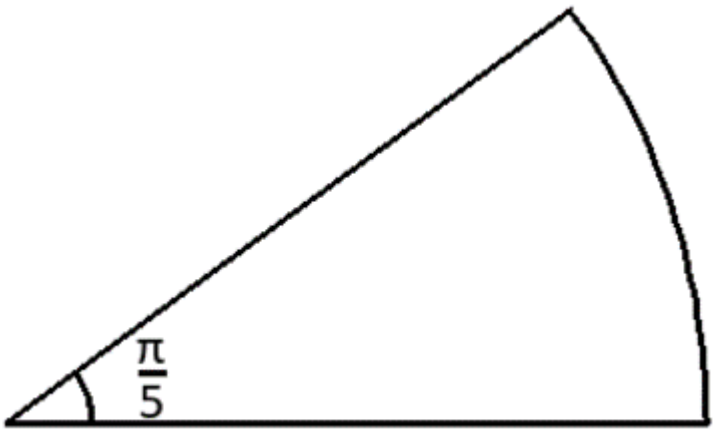
If the area of the sector is $\frac{162\pi}{5}\ cm^2$ calculate the radius



B

2.79 cm

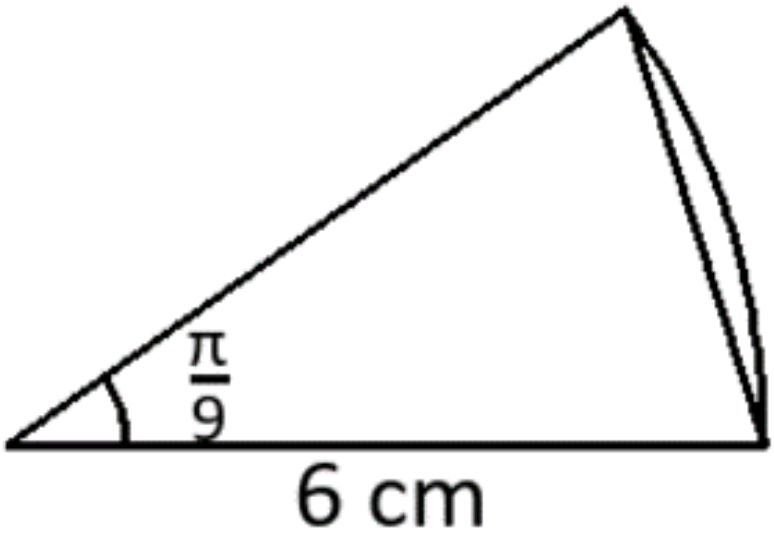
If the area of the sector is $\frac{288\pi}{5}\ cm^2$ calculate the exact perimeter



C

$$\frac{400\pi}{9}\ cm^2$$

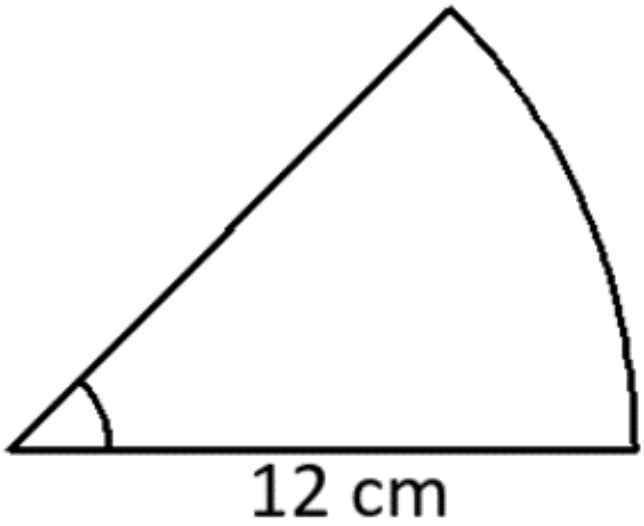
Calculate the perimeter of the segment correct to 2 d.p.



D

$$\frac{\pi}{4}$$

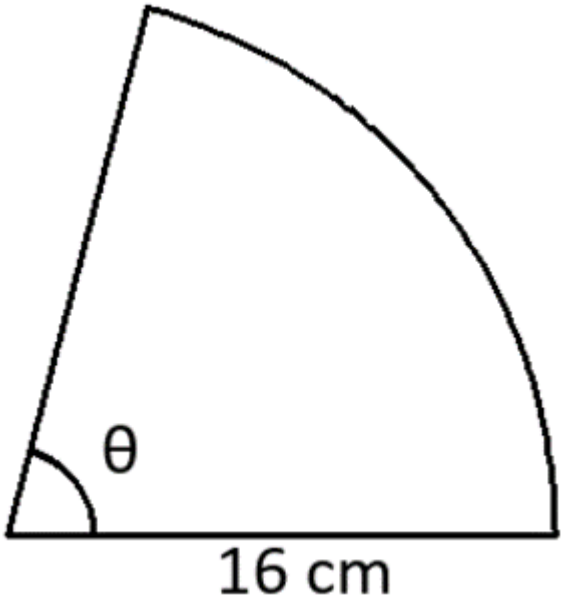
If the area of the sector is $18\pi\ cm^2$ calculate the perimeter



E

4.18 cm

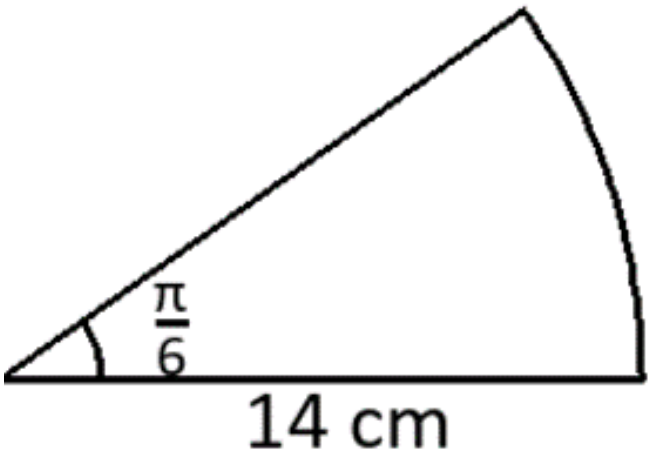
If the area of the sector is $\frac{160\pi}{3}\ cm^2$ calculate θ



F

$2.03\ cm^2$

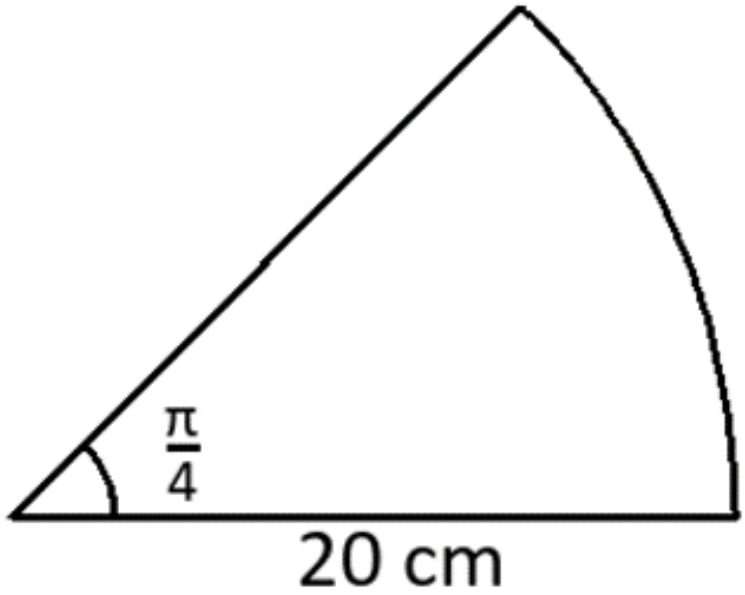
Find the length of the arc in terms of π



G

$$\frac{5\pi}{12}$$

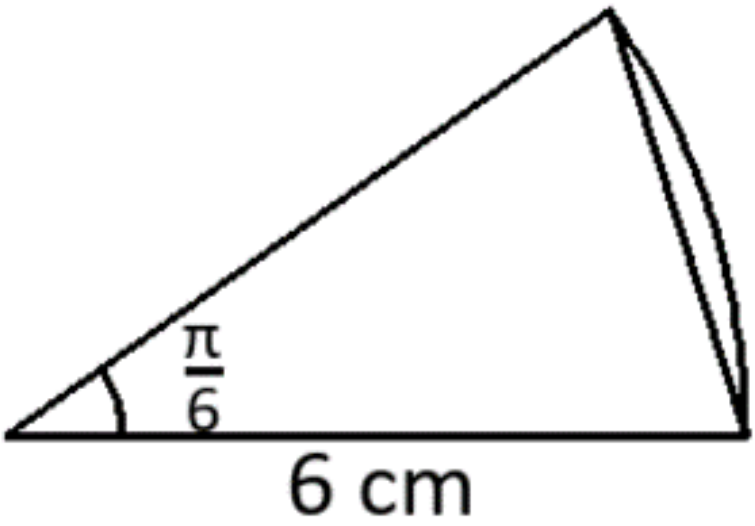
Calculate the exact area of the sector



H

2 cm

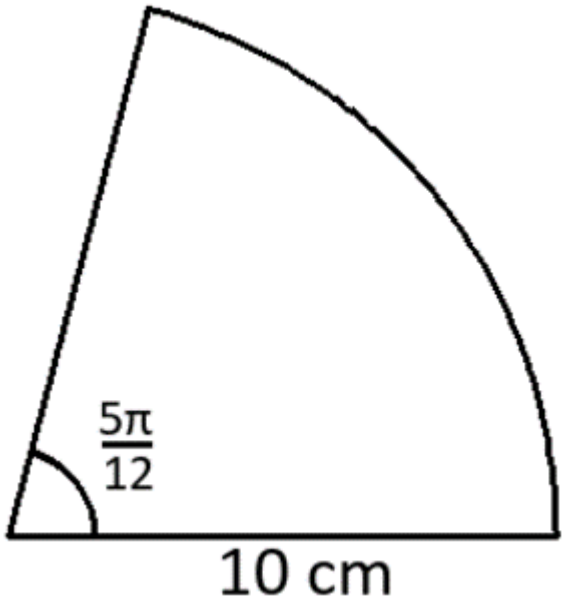
Calculate the exact area of the segment



I

$$\frac{16\pi}{9} + 32\ cm$$

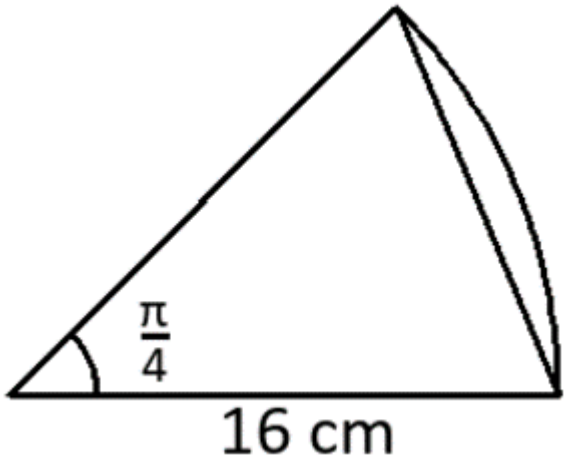
Calculate the exact perimeter of the sector



J

$$\frac{7\pi}{3}\ cm$$

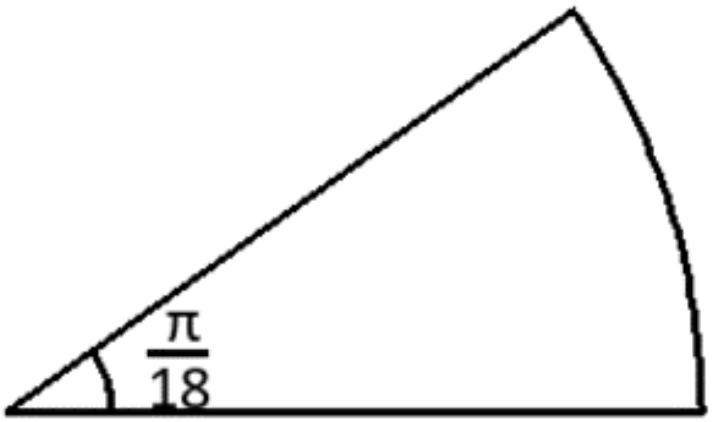
Calculate the area of the segment correct to 2 d.p.



K

10.02 cm^2

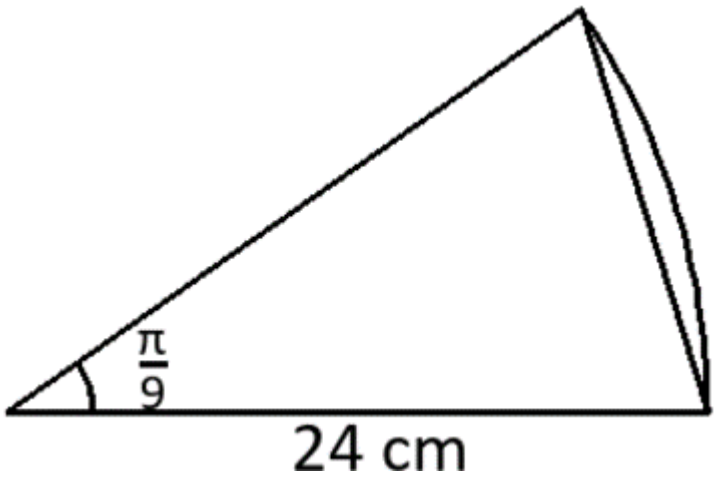
If the area of the sector is $9\pi\ cm^2$ calculate the exact perimeter



L

18 cm

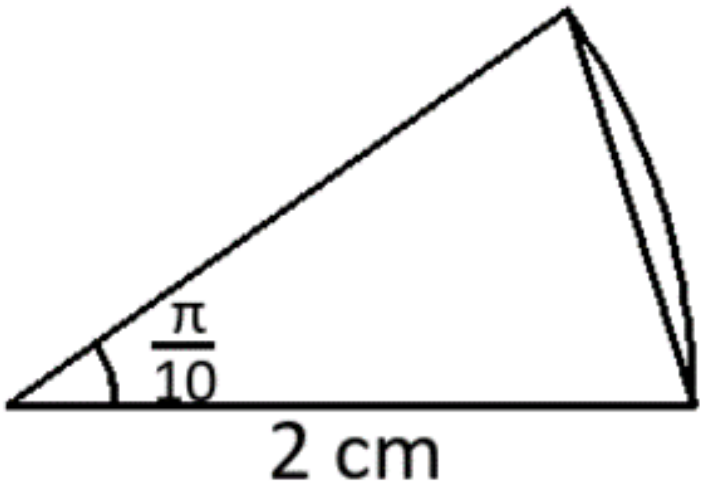
Calculate the area of the segment correct to 2 d.p.



M

$$\frac{24\pi}{5} + 48\ cm$$

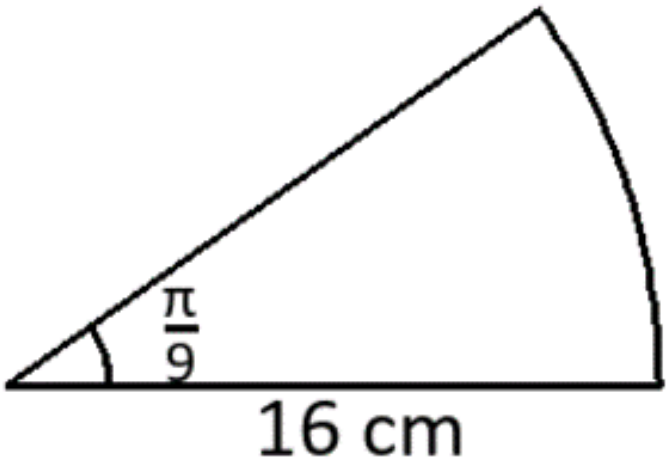
Calculate the perimeter of the segment correct to 2 d.p.



N

1.25 cm

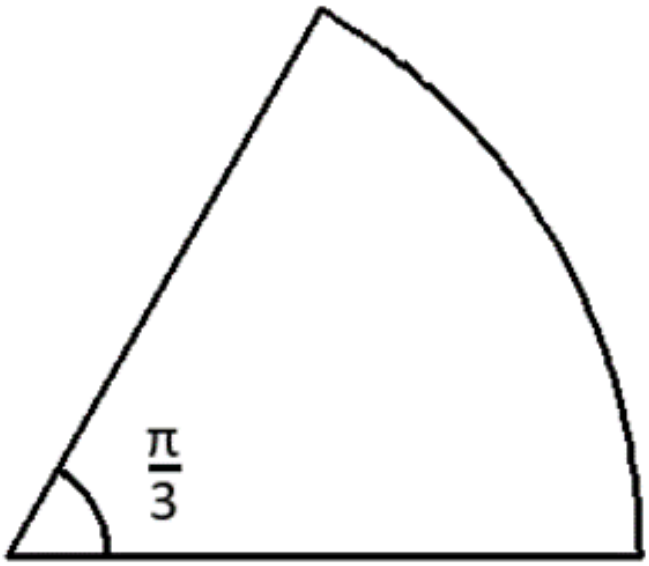
Calculate the exact perimeter of the sector



O

$\frac{\pi}{3}\ cm$

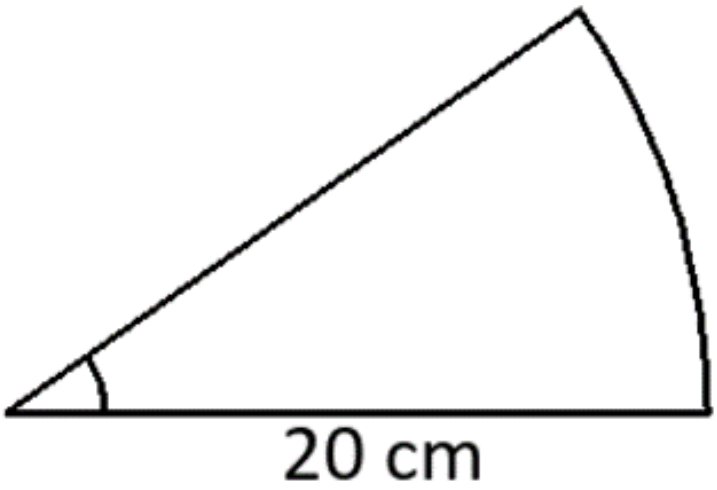
If the area of the sector is $\frac{2\pi}{3}\ cm^2$ calculate the radius



P

$\pi + 36\ cm$

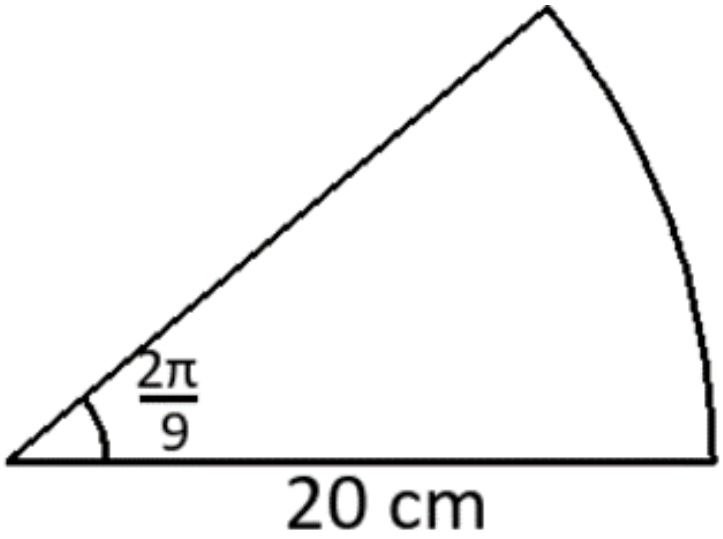
If the area of the sector is $20\pi\ cm^2$ calculate the exact perimeter



Q

$$\frac{25\pi}{6} + 20\ cm$$

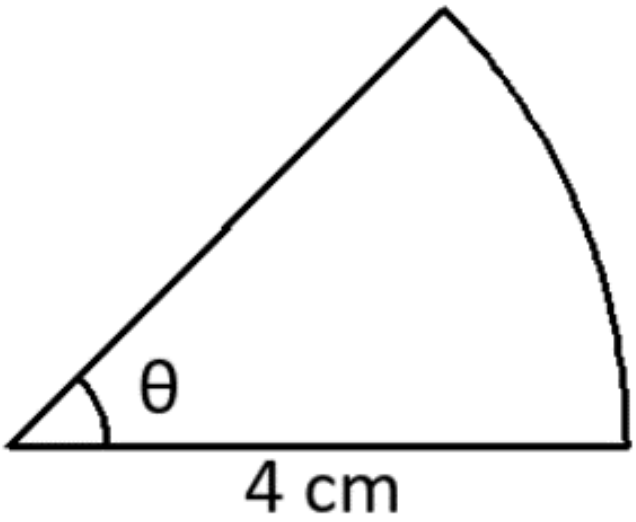
Calculate the exact area of the sector



R

$20\pi + 40\ cm$

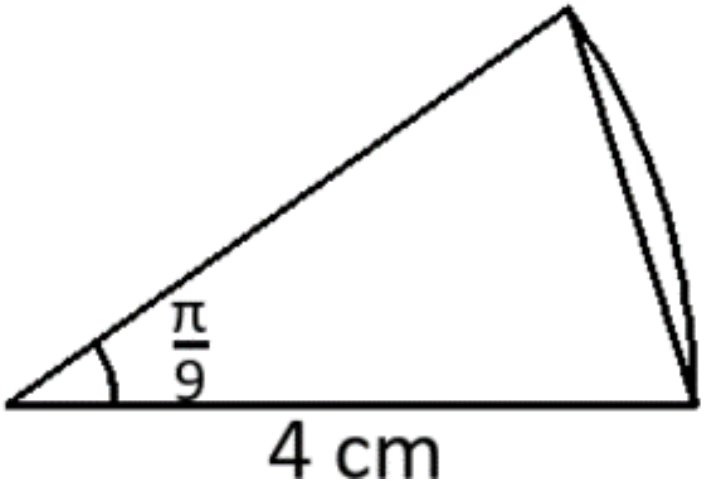
If the area of the sector is $2\pi\ cm^2$ calculate θ



S

$3\pi - 9\ cm^2$

Calculate the perimeter of the segment correct to 2 d.p.



T

A LEVEL - Radians

Treasure Hunt