



$$
\begin{aligned}
& \text { trosiel es bir jonglesi } \\
& \text { lactres }
\end{aligned}
$$

Weren twa rado are elecwh tho jhe ends of ch chord A(a 30 sces es ratangle is porared









Figigen line

A Atangentithe is a line that Touches single ak only one point

Which of arse Mes are fangentro "he since?

















## 

## Q end the lengthof the imion aric Y yelow ?

## Arc length $=\underline{\text { Arc angle }}$ $\pi D$ 360응

$$
\text { arcolength- } 35^{\circ} \times(\% \times 12)
$$

## arc length $=4.71 \mathrm{~cm}$

## 

## Q eind the lengthof the 4 monorac ABselow ?

## Arc length $=\underline{\text { Arc angle }}$ $\pi D \quad 360^{\circ}$

## arc length $=9.42 \mathrm{~cm}$

## Acg engino क cincle



## Arc length $=\frac{\text { Arc angle }}{360^{\circ}}$ $\pi D \quad 360^{\circ}$

## arc length $=45.38 \mathrm{~cm}$







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173
Pes M
Pes M

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 - -1.5 ,


$17=2$
Pes M
Pes M





## Ar 3ch of $3 z \mathrm{ctior}$ in की cisol <br> Thd the areato the minor sector Xy belom?



## Arece of szctior in an cincl?

Q 4 n d he a ea 0 trae minor sector $4 B$ be on ? coneriuor mixder miza

## Area Sector $=$ Sector angle $\pi r^{2}=360^{\circ}$

Area Sector $=42.41 \mathrm{~cm}^{2}$

## Azze -0r SzलेंO in al cincl?

Q Find he area of the major sector PQ olom ? 12ntur comedroos

## Sector Area $=$ Sector angle $\pi r^{2}$ $360^{\circ}$

Sector area $360^{\circ} \times\left(-10^{\circ}\right)$

## Area Sector $=226.89 \mathrm{~cm}^{2}$

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$17=$




