

7th July

Higher Plus 5-a-day

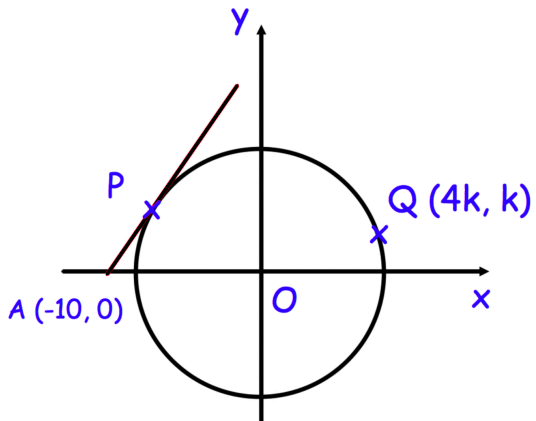


Corbettmaths

A car travelled for 135 minutes, to the nearest 5 minutes.

It travelled for a total distance of 120 km, to the nearest 10km

Work out the greatest possible average speed, in m/s

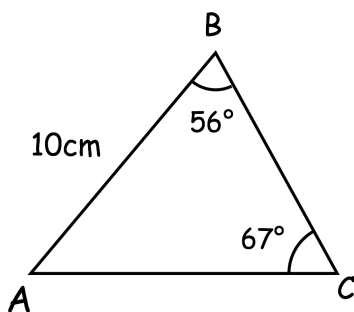


AP is a tangent to the circle.
Angle OAP = 60°

Find the value of k to 1 decimal place.

Make q the subject of

$$\frac{p}{qr} = 2 + \frac{1}{r}$$



Find the area of ABC.