

26th July

Corbettmaths

Solve the inequality

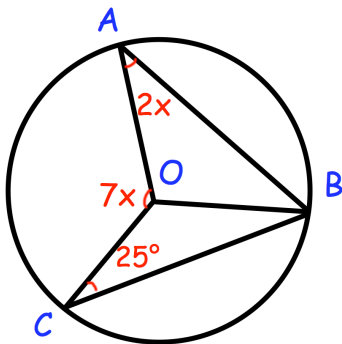
$$5x^2 - 14x + 9 < 0$$

The first five terms of a sequence are shown below.

1, 5, 11, 19, 29 ...

Work out an expression for the n th term of the sequence

$$y = \frac{2}{x^5}$$

Work out $\frac{dy}{dx}$ Find x Prove $\cos\theta \tan\theta \equiv \sin\theta$