

8

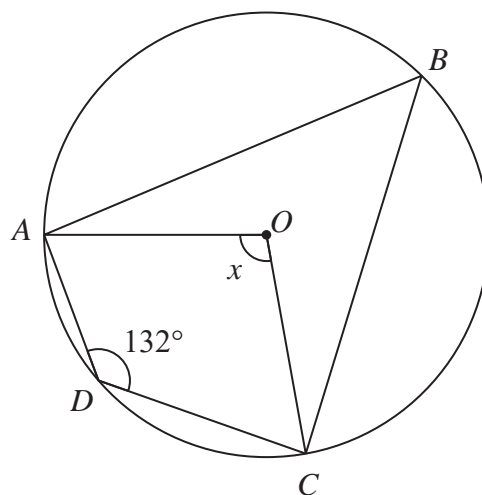


Diagram **NOT**
accurately drawn

A , B , C and D are points on a circle, centre O .

Angle $ADC = 132^\circ$

Calculate, in degrees, the size of angle x .

(Total for Question 8 is 2 marks)

9 $y = 4x^3 - \frac{7}{x^2}$

Find $\frac{dy}{dx}$

$$\frac{dy}{dx} = \dots\dots\dots$$

(Total for Question 9 is 2 marks)

