

8 $y = 4x^5 - \frac{8}{x^2}$

Find $\frac{dy}{dx}$

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

(Total for Question 8 is 2 marks)

9

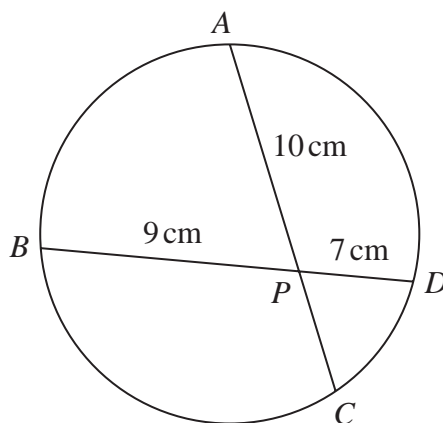


Diagram **NOT** accurately drawn

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

The chord AC intersects the chord BD at P

$AP = 10\text{ cm}$ $BP = 9\text{ cm}$ $PD = 7\text{ cm}$

Calculate the length, in cm, of PC

$\dots\dots\dots$ cm

(Total for Question 9 is 2 marks)

