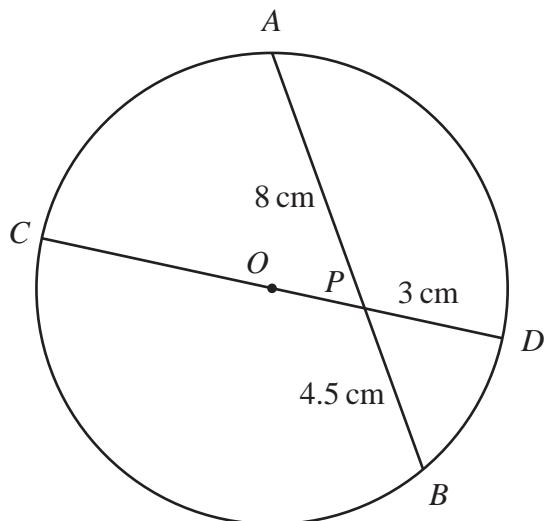


DO NOT WRITE IN THIS AREA

16Diagram NOT
accurately drawn

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

COD is a diameter of the circle.

AB is a chord of the circle.

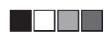
COD and AB intersect at the point P

$$AP = 8 \text{ cm} \quad PB = 4.5 \text{ cm} \quad PD = 3 \text{ cm}$$

Calculate the circumference, in cm to 3 significant figures, of the circle.

..... cm

(Total for Question 16 is 4 marks)



P 7 3 4 9 5 A 0 1 1 2 4