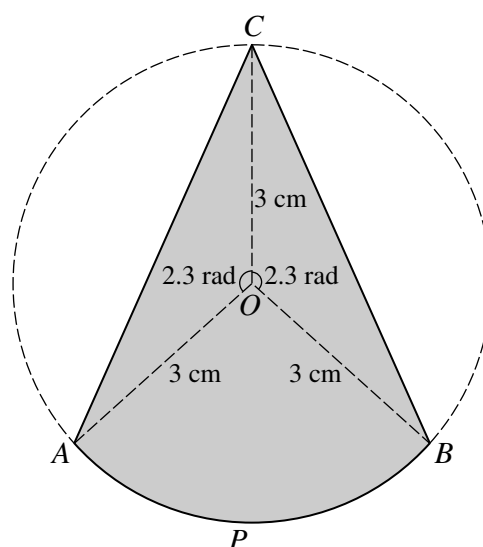


4



The diagram shows points A , C , B , P on the circumference of a circle with centre O and radius 3 cm . Angle $AOC = \text{angle } BOC = 2.3\text{ radians}$.

(i) Find angle AOB in radians, correct to 4 significant figures. [1]

(ii) Find the area of the shaded region $ACBP$, correct to 3 significant figures. [4]