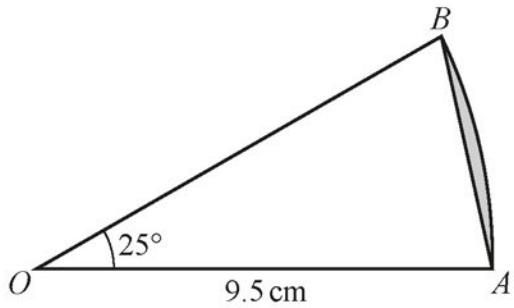


1



The diagram shows a sector AOB of a circle with centre O and radius 9.5 cm . The angle AOB is 25° .

- (a) Calculate the length of the straight line AB . [2]

- (b) Find the area of the segment shaded in the diagram. [3]