



NOT TO
SCALE

A, B and C are points on a circle, centre O .
Angle $AOB = 40^\circ$.

- (a) (i) Write down the size of angle ACB .

Answer (a)(i) Angle $ACB = \dots\dots\dots$ [1]

- (ii) Find the size of angle OAB .

Answer (a)(ii) Angle $OAB = \dots\dots\dots$ [1]

- (b) The radius of the circle is 5 cm.

- (i) Calculate the length of the minor arc AB .

Answer (b)(i) $\dots\dots\dots$ cm [2]

- (ii) Calculate the area of the minor sector OAB .

Answer (b)(ii) $\dots\dots\dots$ cm² [2]