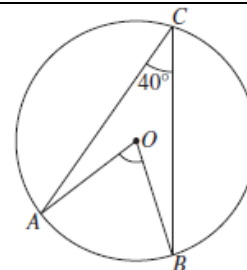


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- 2014 1** The points A , B and C lie on a circle with centre O , as shown in the diagram. The size of $\angle ACB$ is 40° . What is the size of $\angle AOB$?

- (A) 20° (B) 40°
(C) 70° (D) 80°



NOT TO SCALE

1

D

$\angle AOB = 80^\circ$ (\angle at centre is twice \angle at circumference on same arc)

State Mean:
0.97

* These solutions have been provided by [projectmaths](#) and are not supplied or endorsed by BOSTES.