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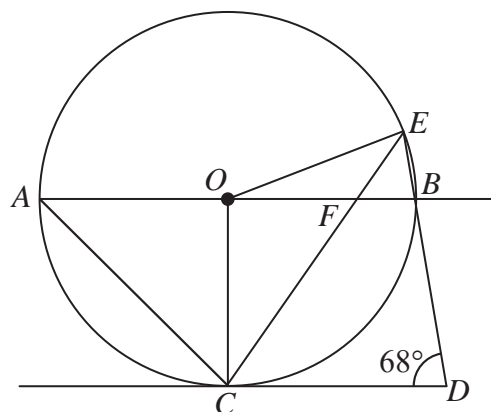
Diagram **NOT**
accurately drawn**Figure 1**

Figure 1 shows a circle with centre O . The points A , C , B and E lie on the circle. AOB is a diameter of the circle and DC is the tangent to the circle at C . CFE and DBE are straight lines. AB is parallel to CD and $\angle CDE = 68^\circ$

- (a) Write down the size of $\angle OCD$ (1)
- (b) Find the size of $\angle OAC$ (1)
- (c) Giving reasons, find the size in degrees of
- (i) $\angle FBE$ (2)
- (ii) $\angle CEB$ (2)
- (iii) $\angle EFB$ (2)
- (d) Find the size, in degrees, of the obtuse angle AOE . (1)

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