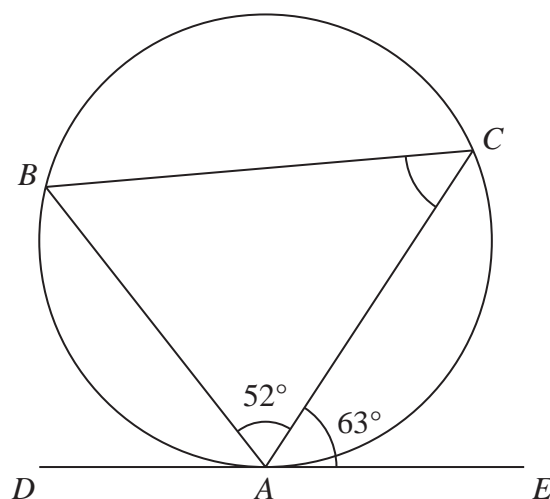**14**

Diagram **NOT**
accurately drawn

In the diagram, *A*, *B* and *C* are points on a circle.

DAE is the tangent to the circle at *A*.

$$\angle BAC = 52° \quad \text{and} \quad \angle CAE = 63°$$

Calculate the size, in degrees, of $\angle ACB$.
Give reasons for each stage of your working.

°
....

(Total for Question 14 is 3 marks)