19
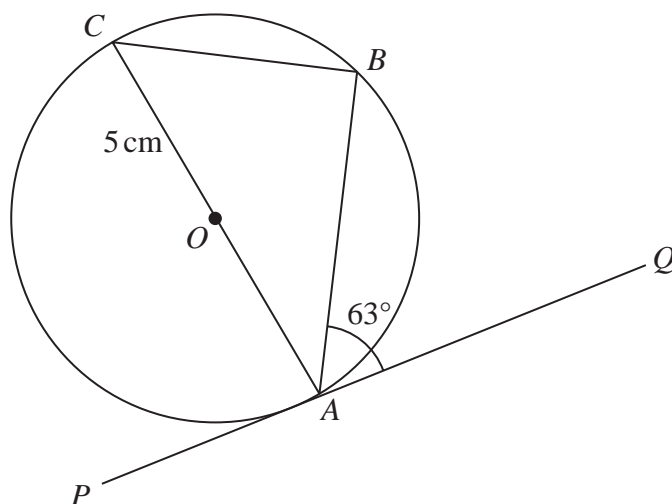

Diagram **NOT**
accurately drawn

In the diagram, *A*, *B* and *C* are points on a circle with centre *O* and radius 5 cm.

AOC is a diameter of the circle and *PAQ* is the tangent to the circle at *A*.

$\angle BAQ = 63°$

Calculate the length, in cm to 3 significant figures, of *AB*.

AB = ... cm

(Total for Question 19 is 4 marks)