26 A, B, D and E are points on a circle.
ABC and EDC are straight lines.

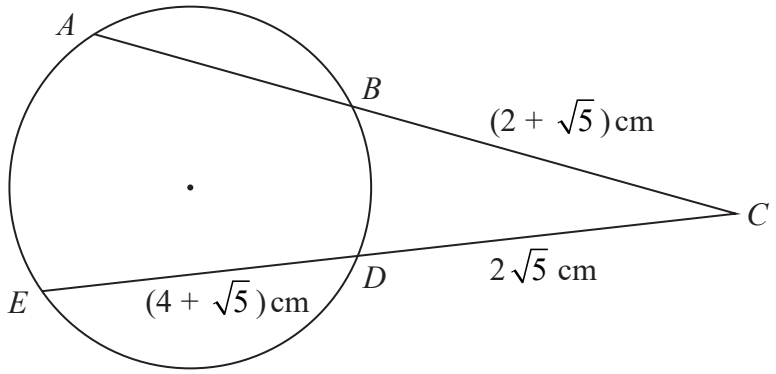


Diagram **NOT** accurately drawn

$BC = (2 + \sqrt{5})$ cm

$ED = (4 + \sqrt{5})$ cm

$DC = 2\sqrt{5}$ cm

Show that the length of AB is $(p\sqrt{5} + q)$ cm, where p and q are integers whose values are to be found.
Show your working clearly.

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(Total for Question 26 is 5 marks)

TOTAL FOR PAPER IS 100 MARKS

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