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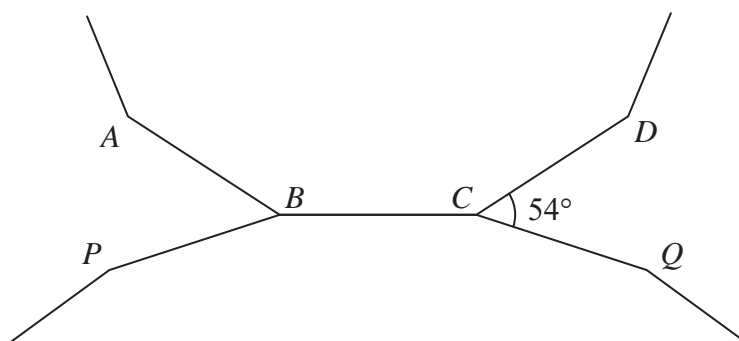


Diagram **NOT**  
accurately drawn

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The diagram shows parts of two regular polygons.

$AB$ ,  $BC$  and  $CD$  are sides of a regular polygon with 12 sides.

$PB$ ,  $BC$  and  $CQ$  are sides of a regular polygon with  $n$  sides.

Given that  $\angle DCQ = 54^\circ$  find the value of  $n$ .

$n = \dots\dots\dots$

(Total for Question 22 is 4 marks)

