

22

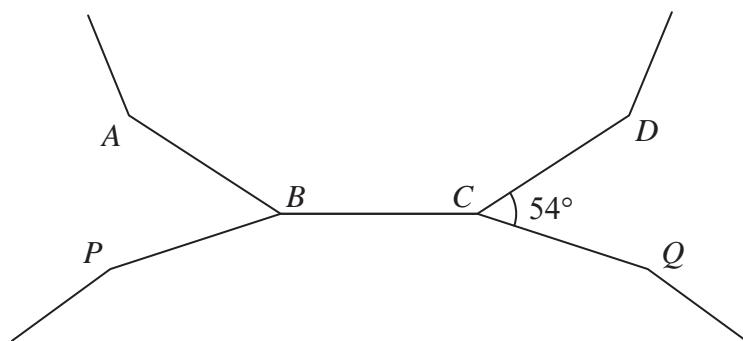


Diagram NOT
accurately drawn

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 .

$n = \dots$

(Total for Question 22 is 4 marks)

