

22

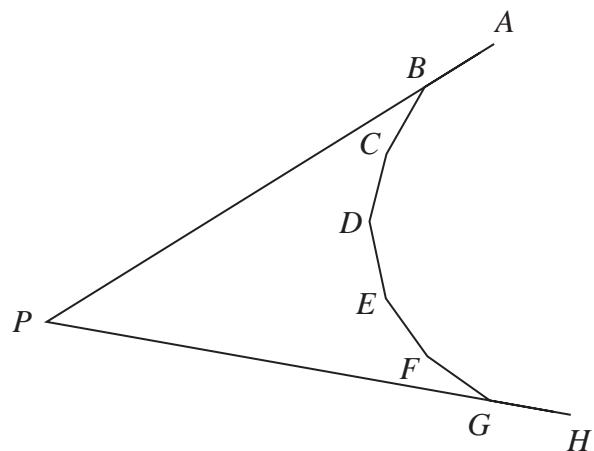


Diagram **NOT**
accurately drawn

In the diagram AB , BC , CD , DE , EF , FG and GH are seven sides of a regular n -sided polygon.

ABP and HGP are straight lines.

The size of each exterior angle of the polygon is x°

The size of each interior angle of the polygon is $7x^\circ$

Calculate the size of $\angle GPB$

Show your working clearly.

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(Total for Question 22 is 5 marks)

