10 The diagram shows triangle *ABP* inside the regular hexagon *ABCDEF*

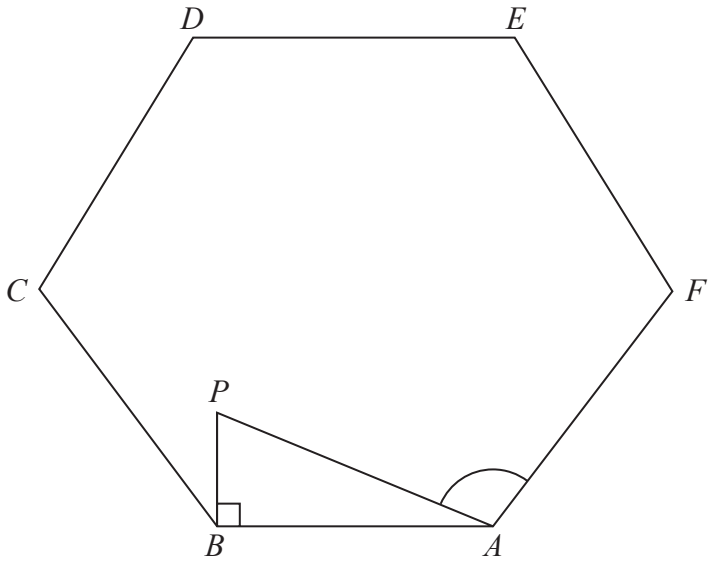


Diagram **NOT** accurately drawn

AB = 5 cm *BP* = 2 cm Angle *ABP* = 90°

Work out the size of angle *PAF*
Give your answer correct to 3 significant figures.

.....°

(Total for Question 10 is 5 marks)

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