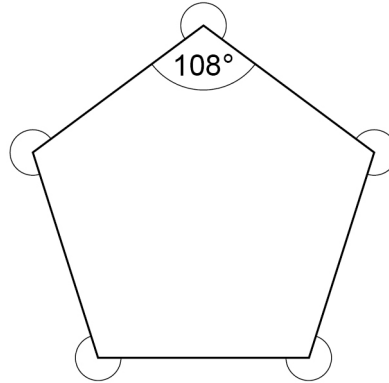


8 (a) The interior angle of a regular pentagon is  $108^\circ$

Work out the sum of the five **reflex** angles at the vertices of a regular pentagon.

[3 marks]

Not drawn  
accurately



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Answer \_\_\_\_\_ degrees



Omar asks Harry,

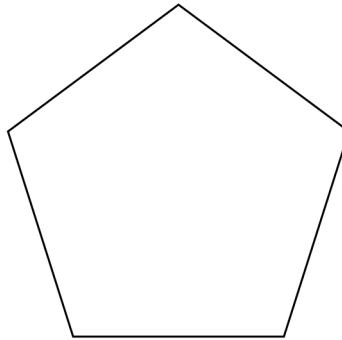
“How many lines of symmetry does a pentagon have?”

Harry assumes it is a regular pentagon.

His answer is 5.

- 8 (b) Draw the lines of symmetry on this regular pentagon.

[1 mark]



- 8 (c) Omar then says,

“What if the pentagon is **not** regular?”

For a pentagon that is **not** regular, what is true about the number of lines of symmetry?

Tick **one** box.

[1 mark]

There must be 0

There could be 0 or 1

There could be 0, 1 or 2

There could be any number up to 5

