1   Part of a regular polygon with 15 sides is shown.
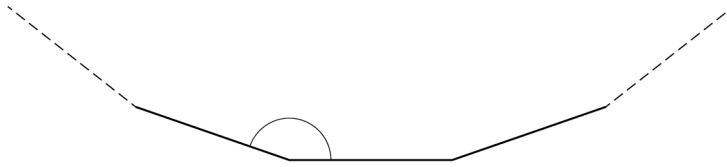
Not drawn
accurately

Work out the size of an **interior** angle.

[2 marks]

_____

_____

_____

_____

_____

_____

_____

Answer _____ degrees

2 (a)   Part of a regular polygon is shown.

Not drawn
accurately

Assume that the polygon is an octagon.

Work out the size of angle x.

[2 marks

_____

_____

_____

Answer _____ °

2 (b)   In fact, the polygon has **more** sides than an octagon.

What does this mean about the size of angle x ?

Tick **one** box.

[1 mark

☐   It is more than the answer to part (a)

☐   It is the same as the answer to part (a)

☐   It is less than the answer to part (a)

☐   It could be any of the above