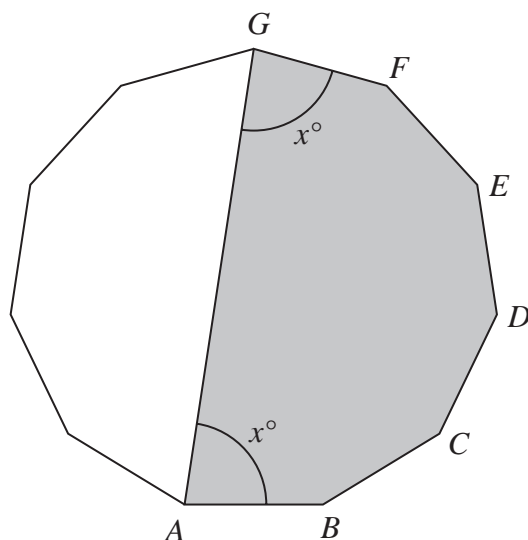**21**

G

F

x°

E

D

x°

C

A   B

Diagram **NOT**
accurately drawn

The diagram shows a shaded 7-sided shape *ABCDEFG*.
The points *A*, *B*, *C*, *D*, *E*, *F* and *G* are 7 vertices of a regular polygon with 11 sides.

$\angle GAB = \angle AGF = x°$

Calculate the value, to 3 significant figures, of *x*.
Show your working clearly.

x = ...

(Total for Question 21 is 5 marks)