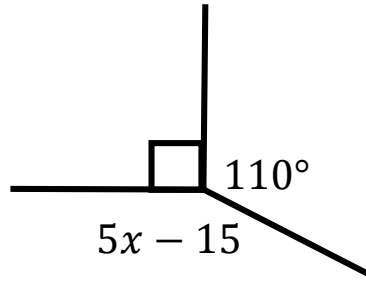


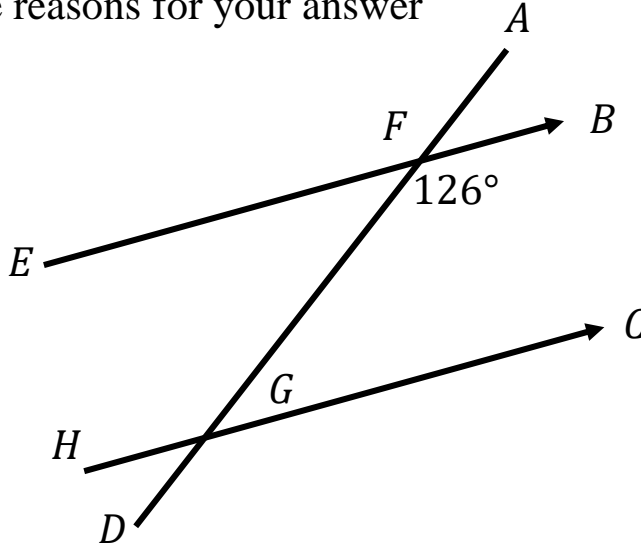
1. Calculate x .



$x = \dots\dots\dots$
(2 marks)

2. Calculate BFG .

You must give reasons for your answer



(3 marks)

3. The diagram show the locations of two ships.



(a) Measure the bearing of A to B.

.....

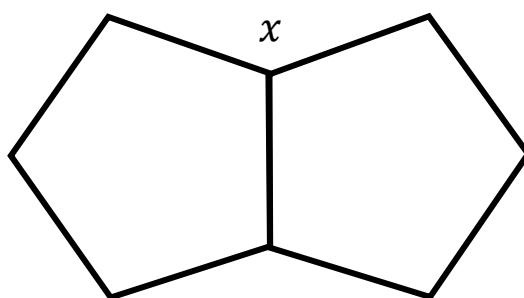
(b) Measure the bearing of A from B.

.....

(2 marks)

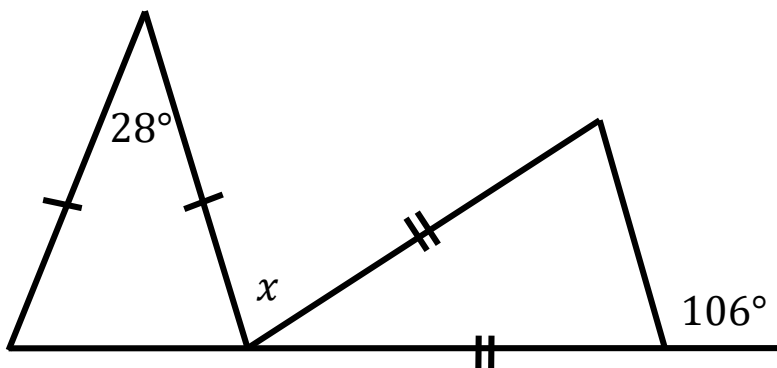
4. Here is are two regular polygons.

Calculate x .



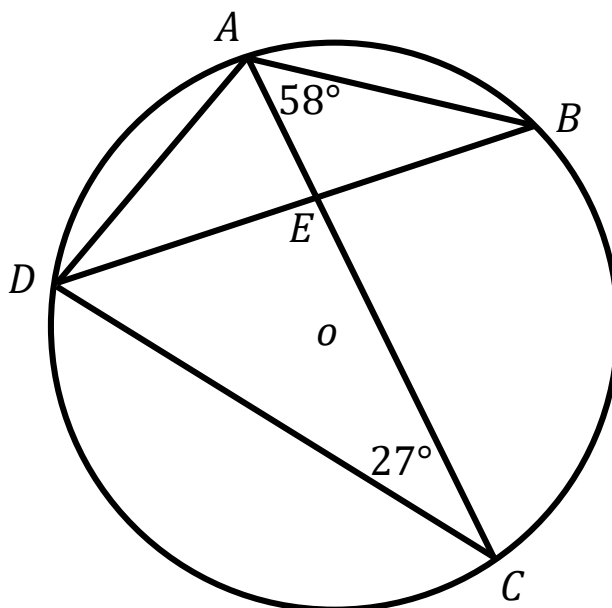
$x = \dots\dots\dots$
(2 marks)

5. Calculate x .



$x = \dots\dots\dots$
(2 marks)

6. Points A, B, C and D are points on the edge of a circle center O .



(a) Calculate the size of angle BDC .

$\dots\dots\dots$

(b) Calculate the size of angle AEB .

$\dots\dots\dots$

(3 marks)

Score =