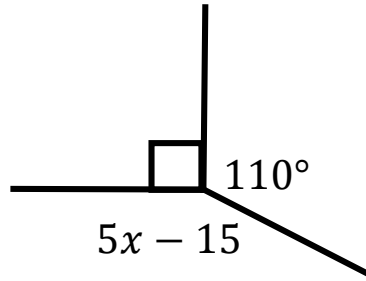


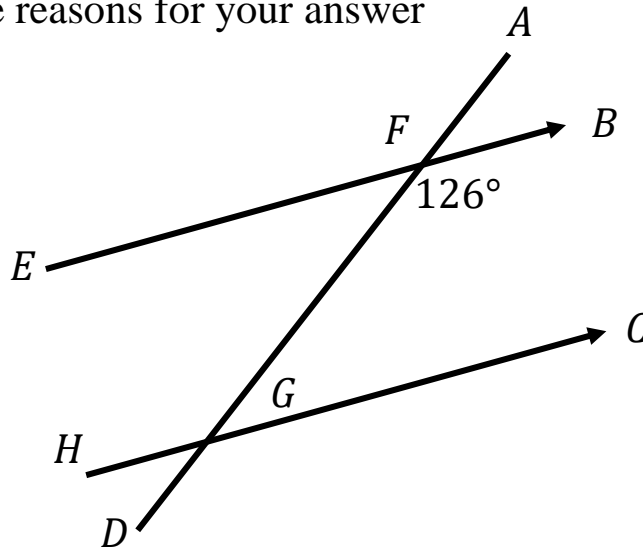
1. Calculate x .



$x = \dots\dots\dots 29^\circ$
(2 marks)

2. Calculate BFG .

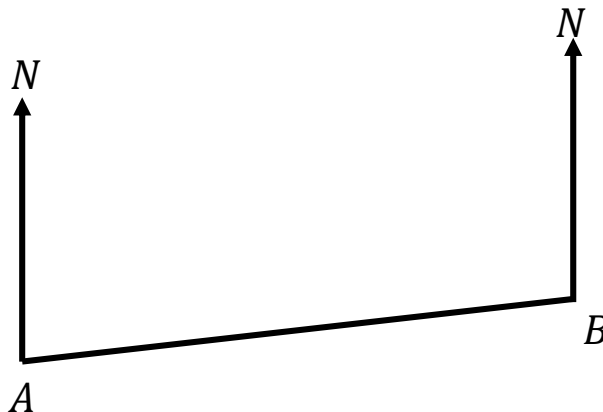
You must give reasons for your answer



$BFG = 54^\circ$ because supplementary angles add upto 180°

(3 marks)

3. The diagram show the locations of two ships.



(a) Measure the bearing of A to B.

085°

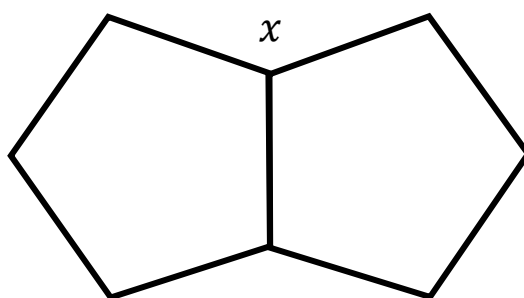
(b) Measure the bearing of A from B.

265°

(2 marks)

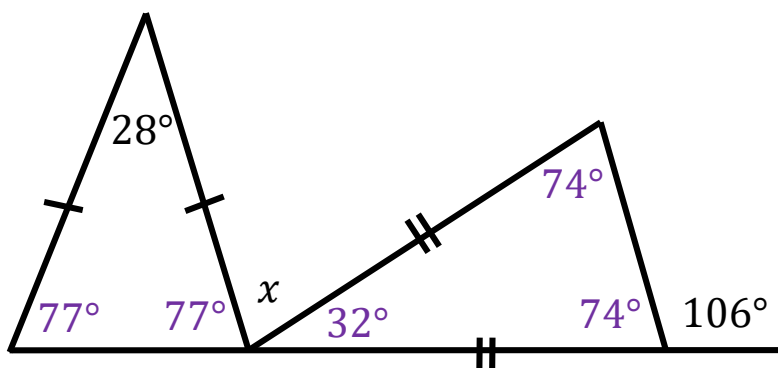
4. Here are two regular polygons.

Calculate x .



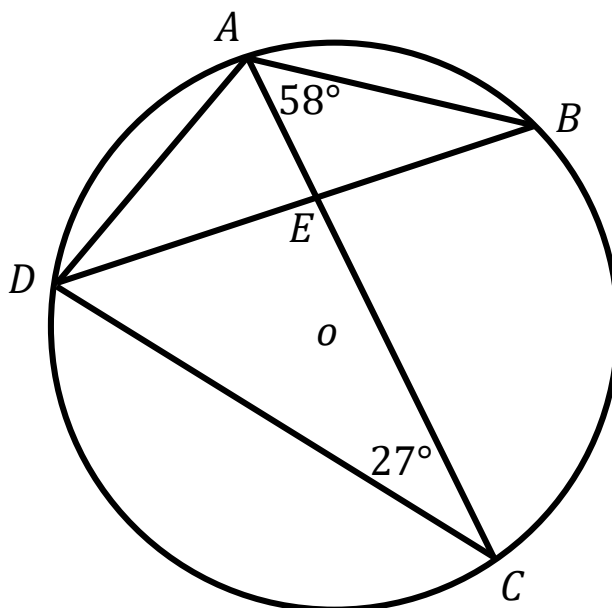
$x = \dots\dots\dots 144^\circ$
(2 marks)

5. Calculate x .



$x = \dots\dots\dots 71^\circ$
(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 .

$\dots\dots\dots 58^\circ$

(b) Calculate the size of angle AEB .

$\dots\dots\dots 95^\circ$

(3 marks)

Score =