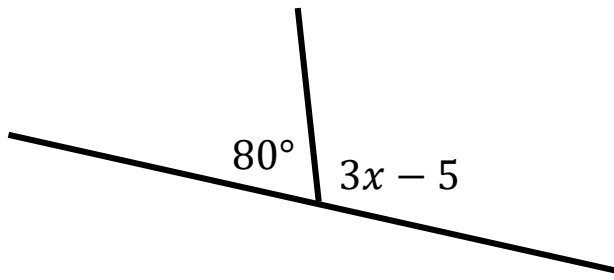


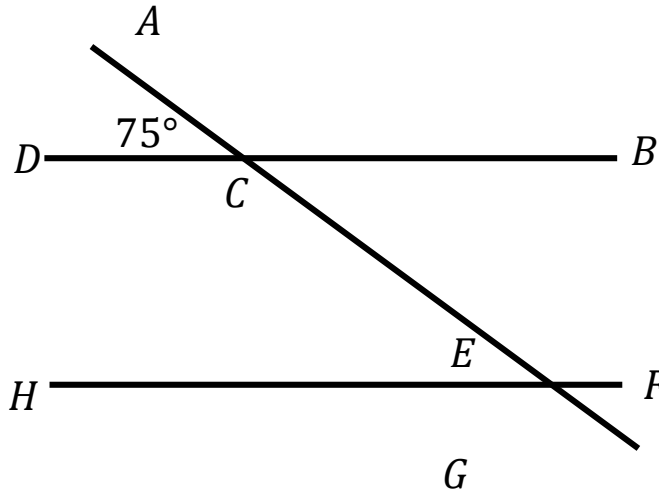
1. Calculate x .



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

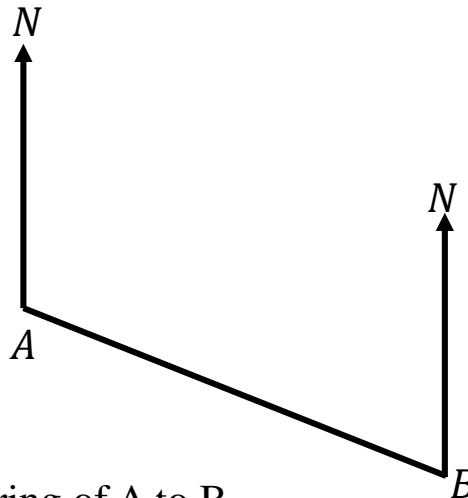
2. Calculate HEC .

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.

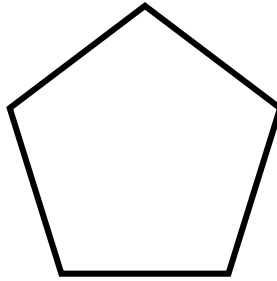
.....

(b) Measure the bearing of A from B.

.....

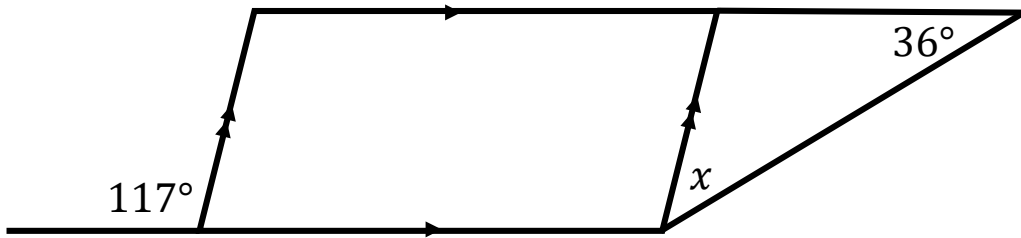
(2 marks)

4. Here is a regular polygon.
Calculate a single exterior angle.



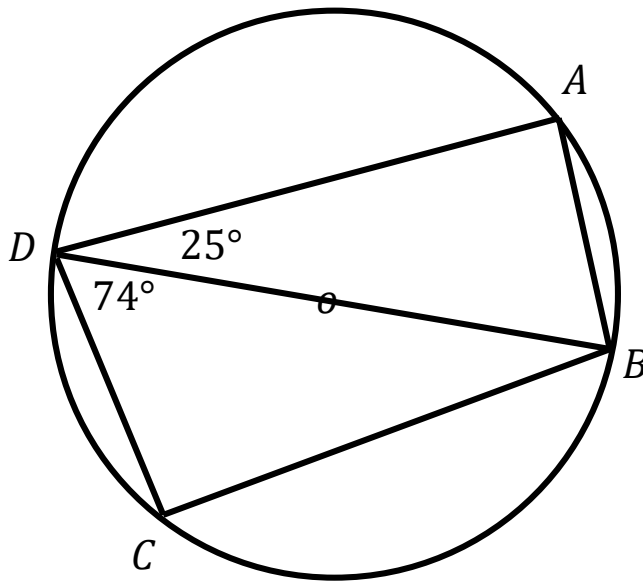
$x = \dots\dots\dots$
(2 marks)

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 CBD.

.....

- (b) Calculate the size of angle ABC.

.....

(3 marks)

Score =