1. Calculate x.

$105°$ x x x

$x =$ .....25°.........

(2 marks)

2. Calculate ECB.

You must give reasons for your answer

A

$75°$

D ———— C ———— B

E

H ———— F

G
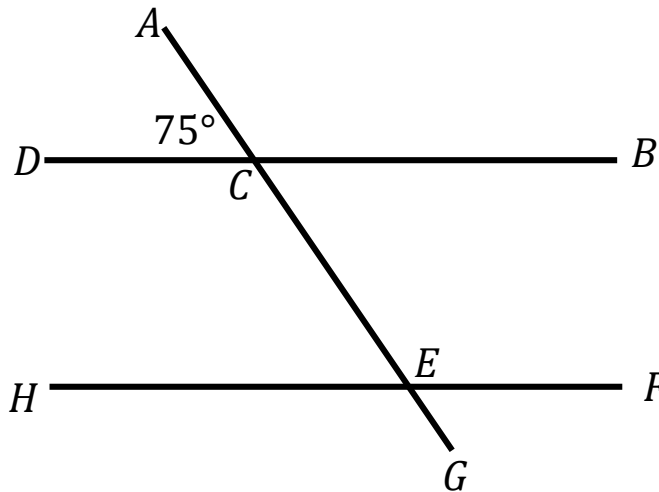
$ECB = 75°$ *because they are*
         opposite angles

(3 marks)

3. The diagram show the locations of two ships.

N

N

B

A
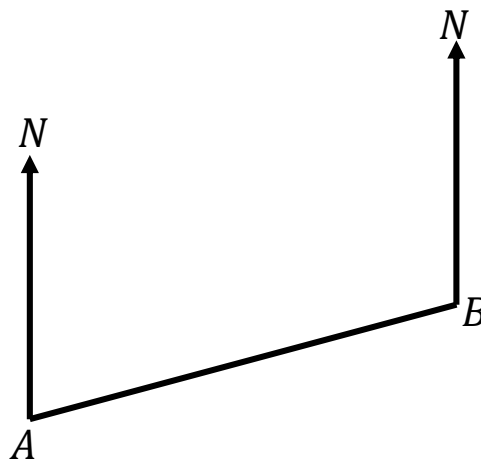
(a) Measure the bearing of A to B.
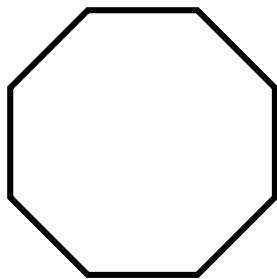
.....075°.........

(b) Measure the bearing of A from B.

.....255°.........

(2 marks)

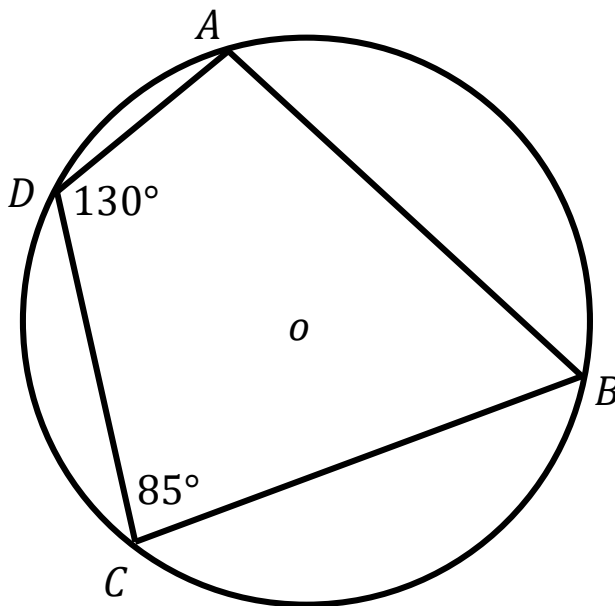4. Here is a regular polygon.

    Calculate a single interior angle.

    $x = $ ......$135°$......

    (2 marks)

5. Calculate x.

    86°

    38°   108° x

    38°   104° 76°
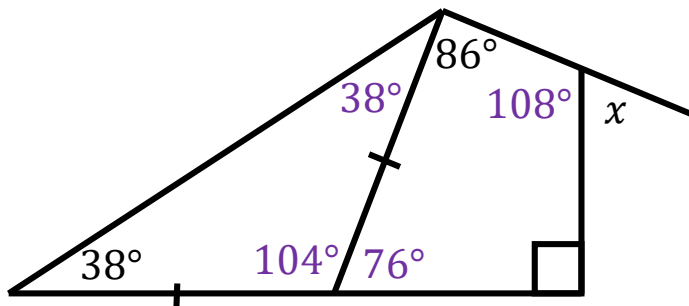
    $x = $ ......$72°$......

    (2 marks)

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

    A

    D 130°

    o

    B

    85°

    C

    (a) Calculate the size of angle ABC.

    ......$50°$......

    (b) Calculate the size of angle DAB.

    ......$95°$......

    (3 marks)

Score =