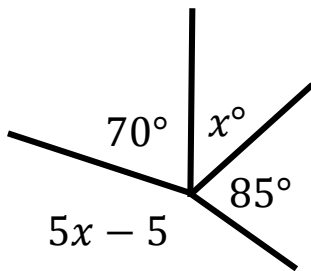
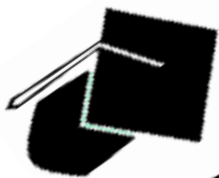


1. Calculate x .



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

2. Calculate

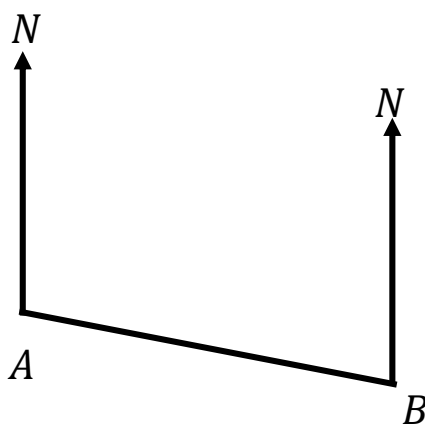
Available from
~~my TES~~
account



$\dots\dots\dots$
(3 marks)

3. The diagram shows the locations of two points A and B.

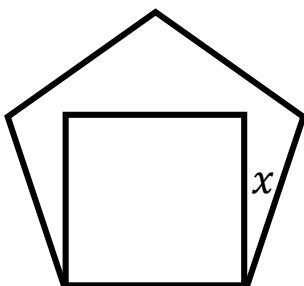
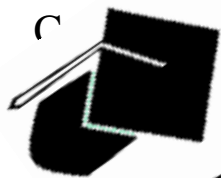
The bearing of B to A is 310°
Calculate the bearing of B from A



Drawn
by

$\dots\dots\dots$
(2 marks)

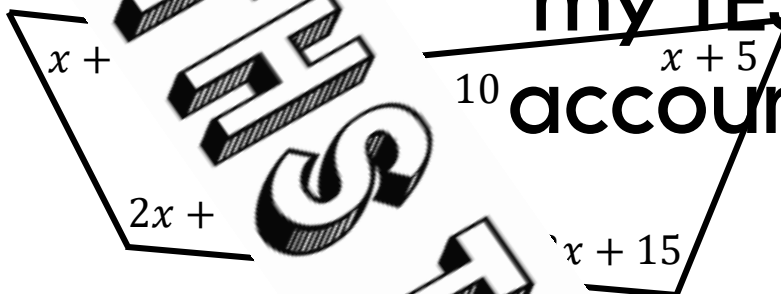
4. Here is the two regular polygons.



$x = \dots\dots\dots$

(2 marks)

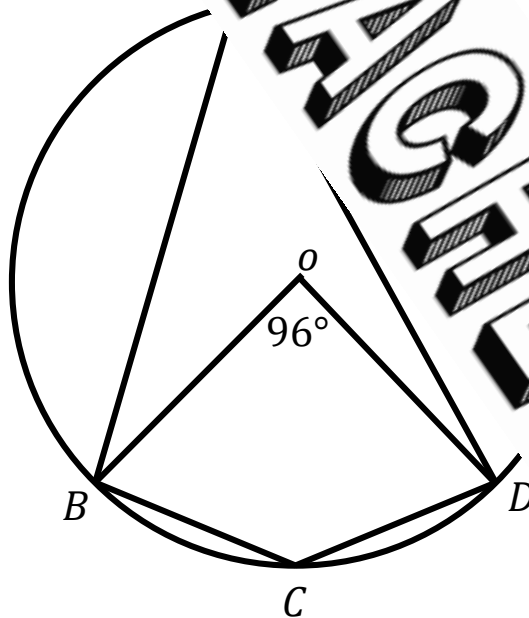
5. Calculate



$x = \dots\dots\dots$

(2 marks)

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



(a) Calculate the size of angle BAC .

(b) Calculate the size of angle BCD .

Score =