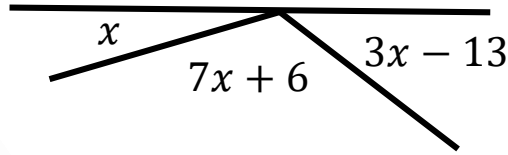
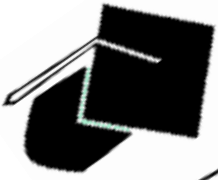


1. Calculate  $x$ .



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

2. Calculate

Available from  
my TES

account

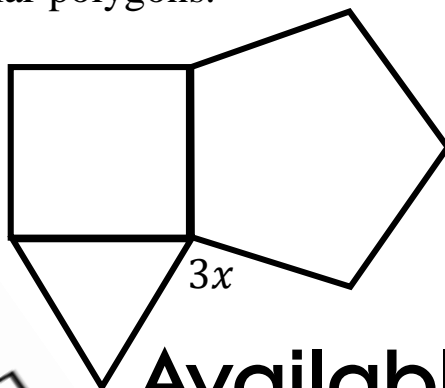


$\dots\dots\dots$   
(3 marks)

3. The bearing of ship A to ship B is  $307^\circ$   
Calculate the bearing of A from B

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

4. Here is the three regular polygons.



$x = \dots\dots\dots$

(2 marks)

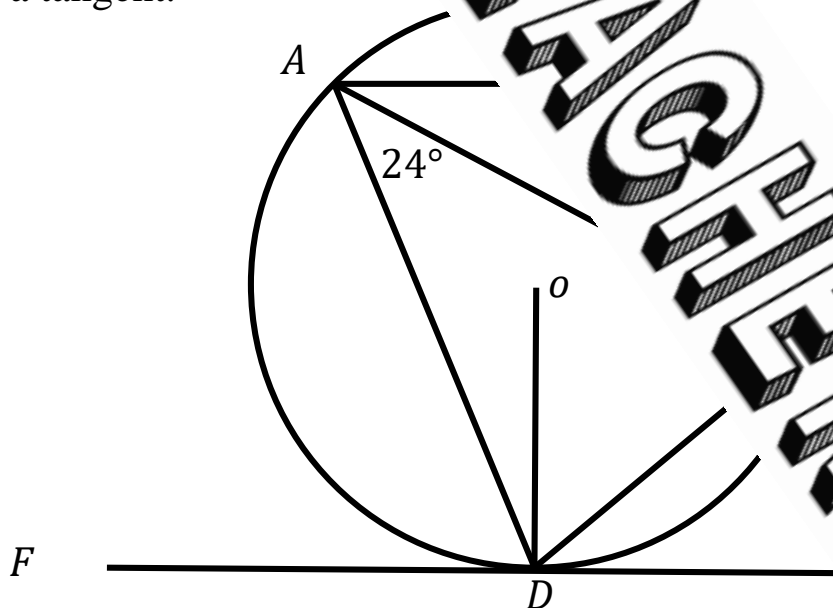
5. Calculate



$x = \dots\dots\dots$

(2 marks)

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



(a) Calculate the size of angle  $ODC$ .

(b) Calculate the size of angle  $ADO$ .

(2 marks)

Score =