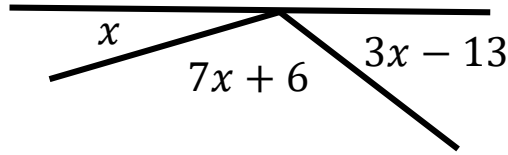
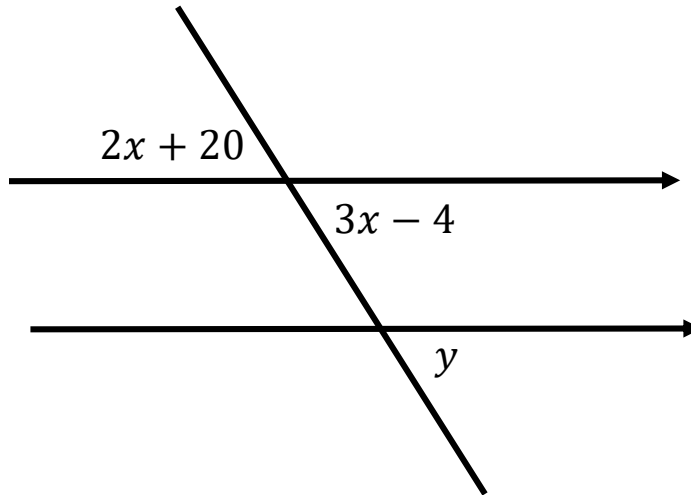


1. Calculate x .



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

2. Calculate y .



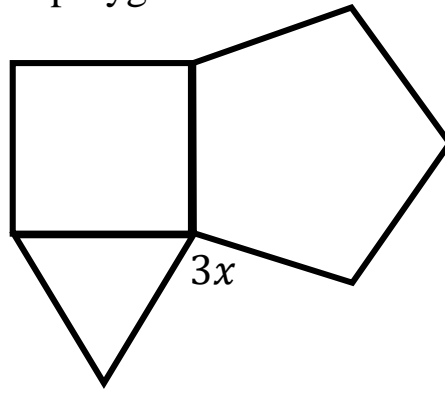
$\dots\dots\dots$
(3 marks)

3. The bearing of ship A to ship B is 307°
Calculate the bearing of A from B

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

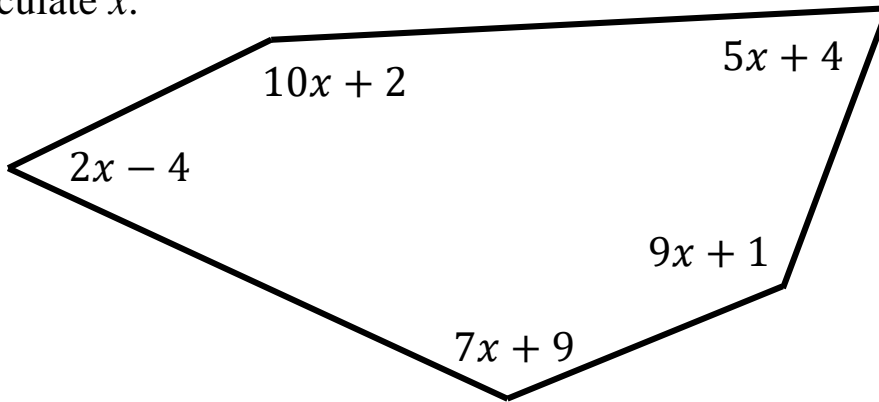
4. Here is are three regular polygons.

Calculate x .



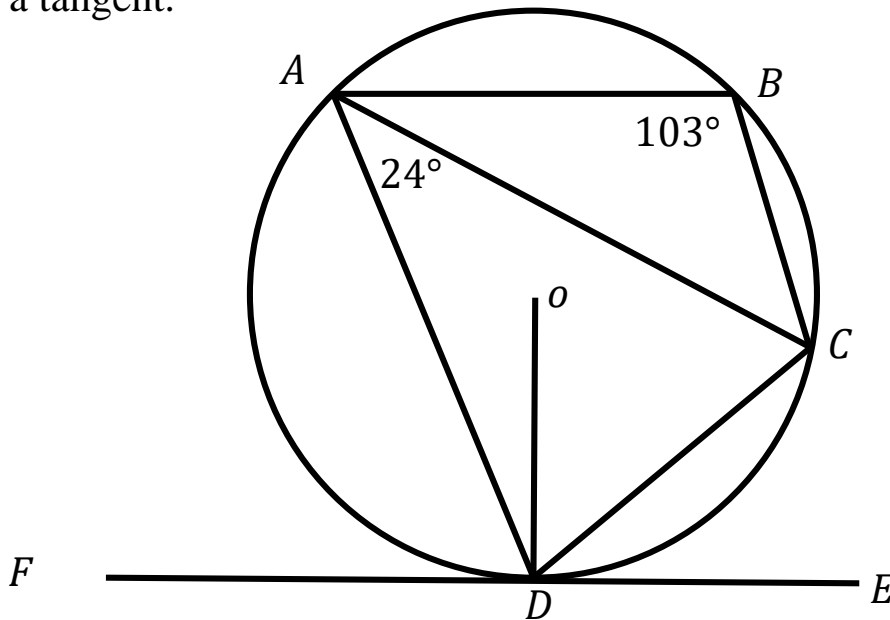
$x = \dots\dots\dots$
(2 marks)

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 .
 FE is a tangent.



(a) Calculate the size of angle ODC .

.....

(b) Calculate the size of angle ADO .

.....

(3 marks)

Score =