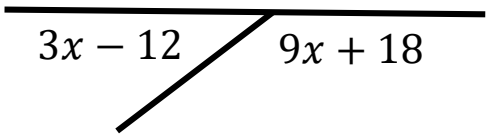
Higher Homework 49 : Angles

1. Calculate x.



$x =$ 22° .....

(2 marks)

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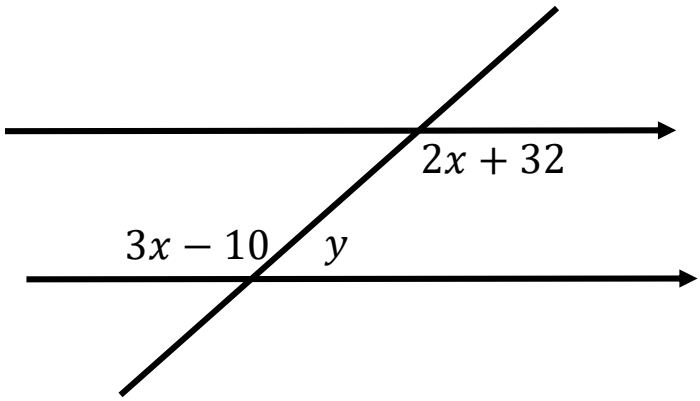
2. Calculate y.



$3x - 10 = 2x + 32$

$x = 42$

$y = 64°$

.....

(3 marks)

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3. The bearing of ship B to ship A is 215°
   Calculate the bearing of B from A

035°

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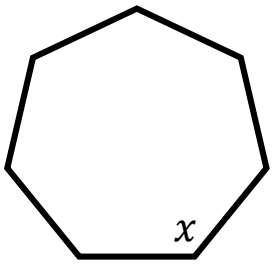
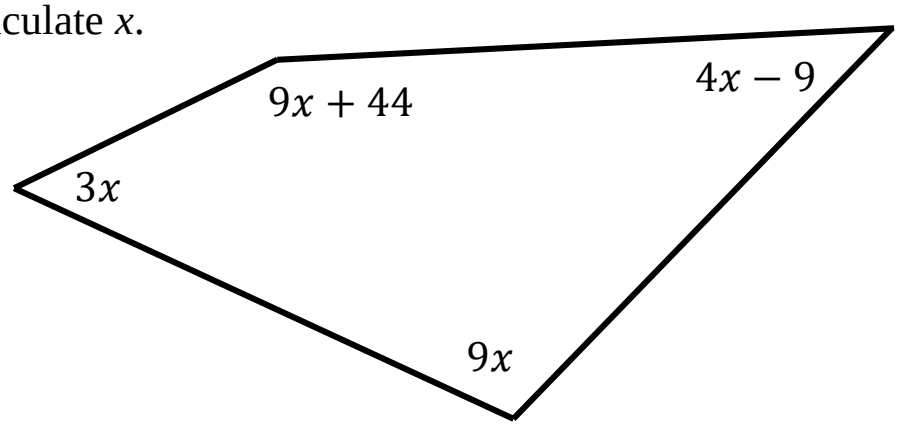
(2 marks)

4. Calculate the interior angle of this regular polygon.
Round your answer to 1 dp.



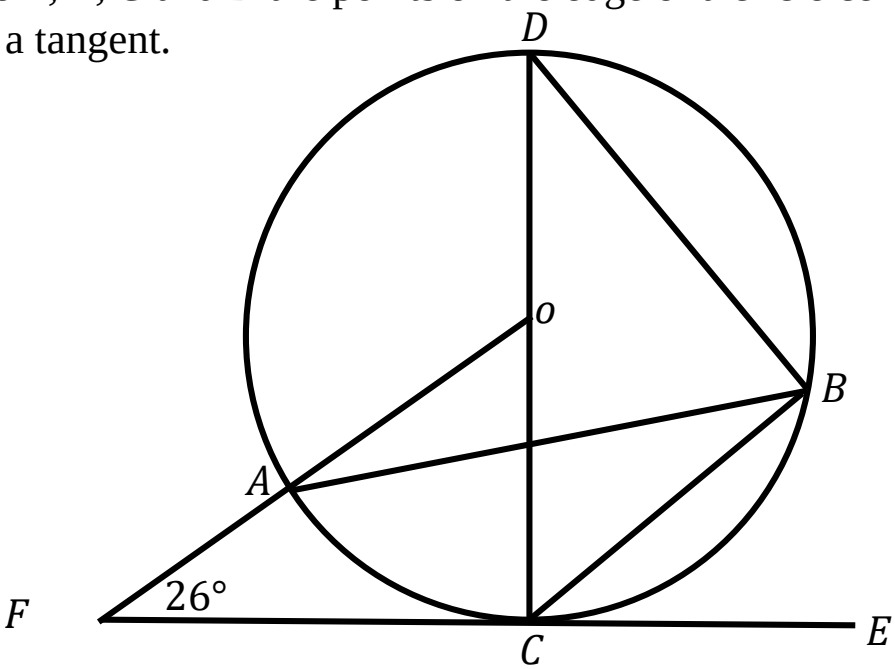
x = 128.6°
(2 marks)

5. Calculate x.



x = 13°
(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 AOC. 64°

(b) Calculate the size of angle DBA. 85°

(3 marks)

Score =