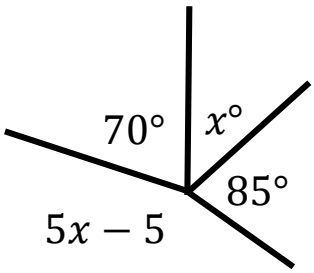
Higher Homework 47 : Angles

1. Calculate x.



$x =$ 35° (2 marks)

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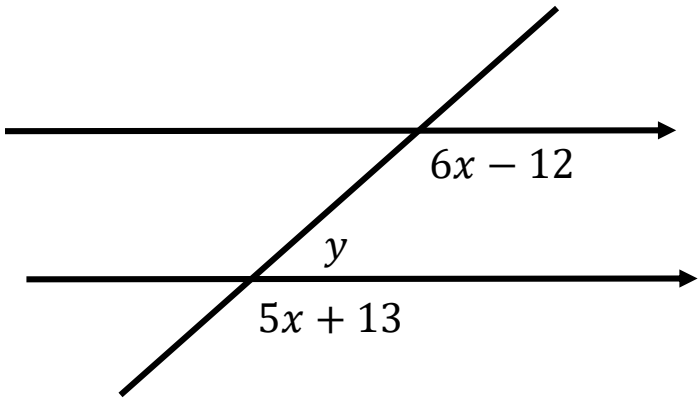
2. Calculate y.



$6x - 12 = 5x + 13$

$x = 25$

$y = 42°$ (3 marks)

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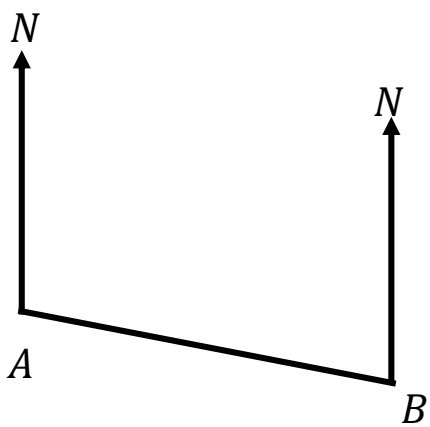
3. The diagram show the locations of two planes in the sky.

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

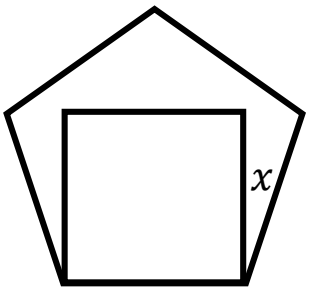
Not drawn to scale



130° (2 marks)

4. Here is are two regular polygons.

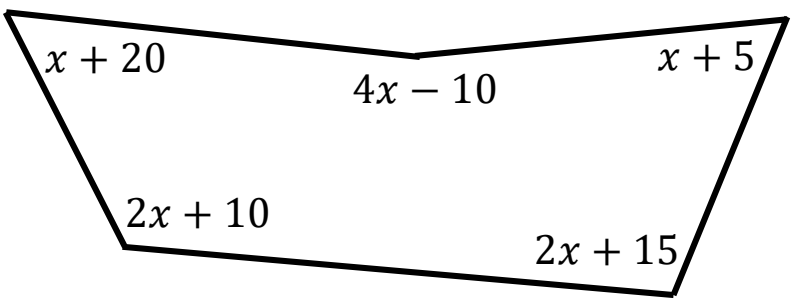
Calculate x.



$x =$ 18°

(2 marks)

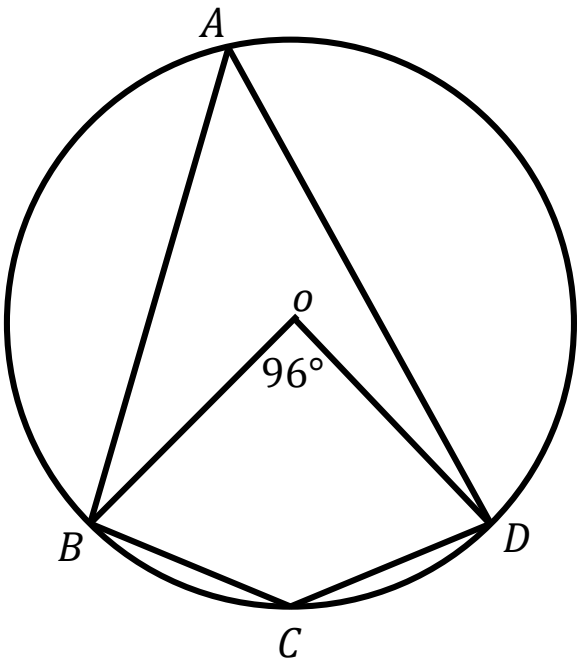
5. Calculate x.



$x =$ 50°

(2 marks)

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



(a) Calculate the size of angle BAC. 48°

(b) Calculate the size of angle BCD. 132°

(3 marks)

Score =