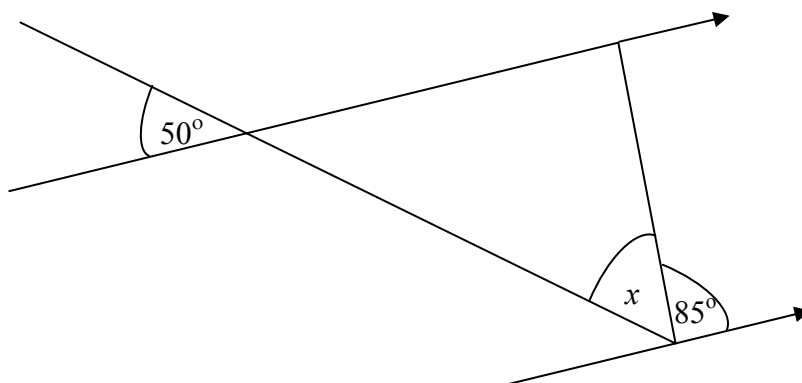


REVISION SHEET 3 NO CALCULATOR

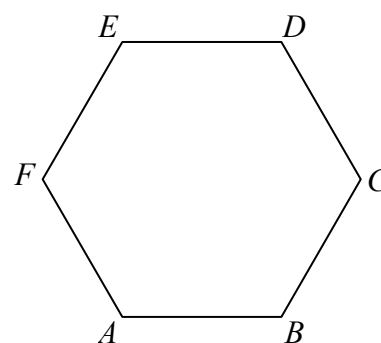
1. Calculate the size of angle x .



2. The following shows a regular hexagon, $ABCDEF$.

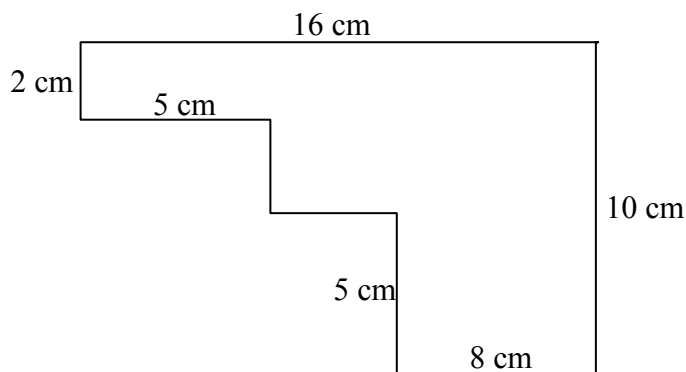
- a) Calculate the size of angle ABC .

Point D is due north of point B and point A is due west of point B .



- b) Calculate the bearing of point D from point A .
c) Calculate the bearing of point D from point F .

- 3.



Clearly indicating the units, calculate

- a) the perimeter of the above figure
b) the area of the above figure.

4. Write down the following numbers to 1 significant figure.

- a) 1.66 b) 120 c) 0.0587 d) 8721
e) 9.95.

ANSWERS.

1. $x = 45^\circ$.

2. a) 120° b) 030°N c) 060°N .

3. a) 52 cm b) 105 cm^2 .

4. a) 2 b) 100 c) 0.06 d) 9000
e) 10 .

5. $\text{£}243$.

6. -48 .

7. a) $2^5 \times 5^2$ b) 2 .

8. a) $2^4 \times 3 \times 5^2$ b) 3 .

9. a) $x = 5$ b) $x = 7.5$.

10. a) $\text{£}420$ b) $\text{£}420$.

11. $159 \text{ boys} + 270 \text{ girls} = 429$.

12. $90 \text{ boys} + 75 \text{ girls} = 165$.

13. $x = 3, y = -2$.