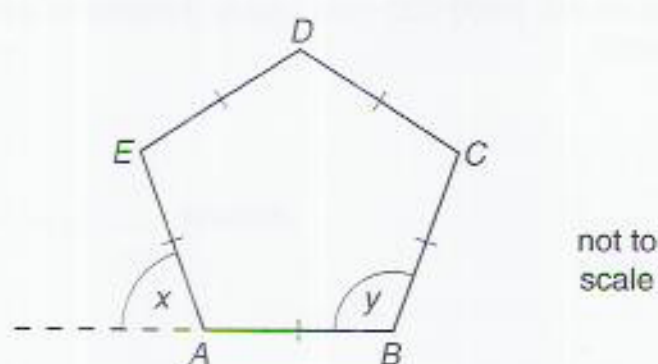


7. (a)



(i) What special name is given to the regular shape  $ABCDE$ ?

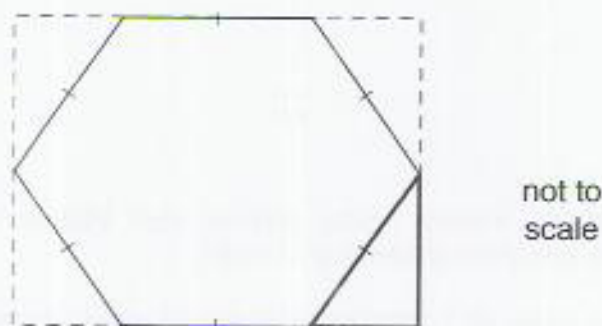
Answer: ..... (1)

(ii) Calculate the size of each of the angles marked  $x$  and  $y$ .

Answer:  $x =$  ..... (2)

$y =$  ..... (1)

(b)



A regular hexagon is drawn on a rectangular tile, as shown above.

Calculate the size of each of the angles in the corner triangle (shown in bold).

Answer: ..... (2)