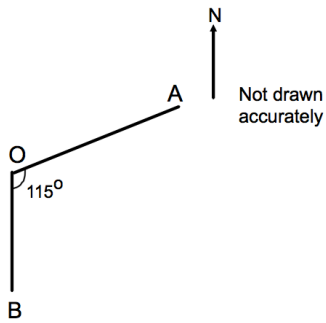


**13th June**

Corbettmaths



Gregory is at O and there are two roads, one towards A and another towards B. B is due South of O.

Gregory walks towards A.  
On what bearing does he walk?

Joshua is at A and walks towards Gregory.  
On what bearing does he walk?

A circle has an area of  $81\pi \text{ cm}^2$   
Work out the radius of the circle.

Factorise  $4y^2 - 1$

Factorise  $x^2 + 6x - 27$

8.5 has been truncated to one decimal place.

Write down an inequality to show the range of possible actual values.