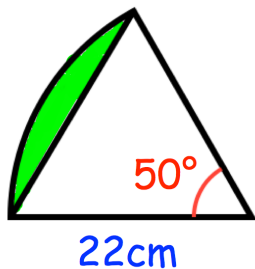


31st October



Corbettmaths

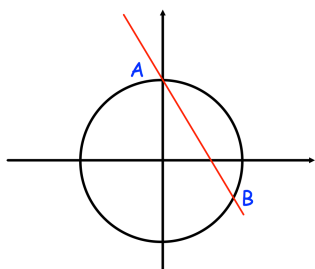


Calculate the area of the segment

Work out the nth term for the sequence

1, 5, 15, 31, 53 ...

Find the 10th term in the sequence



Find the coordinates of points A and B

The circle  $x^2 + y^2 = 100$  and the line  $8x + y - 10 = 0$  meet at the points A and B

Find the length of AB.

Shown is  $y = \cos(x)$

On the same grid, sketch

$y = \cos(x) + 2$

