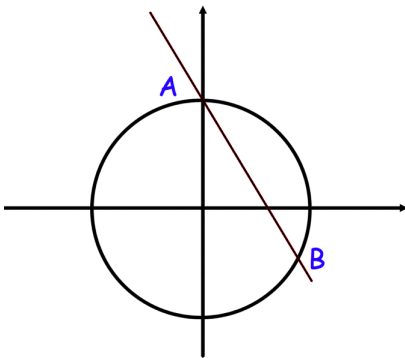


Calculate the area of the segment

Work out the n th 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

$y = \cos(x) + 2$

