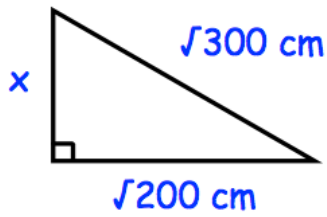


27th May



Corbettmaths

Find  $x$ 

Expand

$$(3 + \sqrt{2})(2 - \sqrt{2})$$

Solve  $2x^2 - x - 6 > 0$ 

Circle A has equation  $x^2 + y^2 = 9$   
is translated by the vector

$$\begin{pmatrix} 0 \\ 2 \end{pmatrix}$$

to give Circle B

Sketch Circle B

Label the centre of B and the points  
of intersection with the x-axis

