Name	Student Number
Show all work. Label your answers clearly.	
Bengt is still running. Today he is running counter-cleradius. He starts at the Western-most point of the traystem with the origin at Bengt's starting point.	
a) Find parametric equations $x(t)$ and $y(t)$ giving B	engt's x and y coordinates.

b) Find the first 5 times Bengt crosses the line y=300.

c) In the first 13 minutes, how much time is Bengt north of the line y=300?