24th January	<b>A</b>
How many points of intersection does the circle $x^2 + y^2 = 8$ have with the line $x + y = 4$ ?	Corbettmαths
Work out the rate of change of y with respect to x at the point on the curve $y = x^2(x - 4)$ where x = 3	
Solve the simultaneous equations	
10x + 60y + 10z = 25	
5x + 40y + 20z = 40	
20x + 20y + 40z = 30	
How many solutions of $tan x = k$ , where k < 0 , are between 90° and 360°?	