2	**(a)**		$\left(\frac{3+9}{2}, \frac{0+8}{2}\right)$ $(6, 4)$	**M1** **A1** **[2]**	**1.1a** **1.1**	Correct working for <u>either</u> coordinate May be implied by $x=6$ or $y=4$	
2	**(b)**		Gradient of radius through B is $\frac{8-4}{9-6}=\frac{4}{3}$ Gradient of tangent is $-\frac{3}{4}$ So equation of tangent is $y=-\frac{3}{4}x+\frac{59}{4}$ oe	**M1** **M1** **A1** **[3]**	**1.1** **1.1** **2.2a**	FT their gradient	