(a)	Given that the line $y = 2x + 3$ is a tangent to the curve, find the value of $k$ .	I
		•••••
		••••••
		•••••••••••••••••••••••••••••••••••••••
		•••••••••••••••••••••••••••••••••••••••
		••••••
		•••••••••••••••••••••••••••••••••••••••
		••••••
	now given that $k = 2$ . Express the equation of the curve in the form $y = 2(x + a)^2 + b$ , where $a$ and $b$ are hence state the coordinates of the vertex of the curve.	
	Express the equation of the curve in the form $y = 2(x + a)^2 + b$ , where a and b are	
	Express the equation of the curve in the form $y = 2(x + a)^2 + b$ , where a and b are hence state the coordinates of the vertex of the curve.	
	Express the equation of the curve in the form $y = 2(x + a)^2 + b$ , where a and b are hence state the coordinates of the vertex of the curve.	
	Express the equation of the curve in the form $y = 2(x + a)^2 + b$ , where a and b are hence state the coordinates of the vertex of the curve.	
	Express the equation of the curve in the form $y = 2(x + a)^2 + b$ , where $a$ and $b$ are hence state the coordinates of the vertex of the curve.	
	Express the equation of the curve in the form $y = 2(x + a)^2 + b$ , where $a$ and $b$ are hence state the coordinates of the vertex of the curve.	
	Express the equation of the curve in the form $y = 2(x + a)^2 + b$ , where $a$ and $b$ are hence state the coordinates of the vertex of the curve.	
	Express the equation of the curve in the form $y = 2(x + a)^2 + b$ , where $a$ and $b$ are hence state the coordinates of the vertex of the curve.	