

4	(a)	$(x + 2)^2 + 3$	B1 B1 [2]	1.2 1.1	For $b = 2$ For $c = 3$ or FT their b	
4	(b)	Since $(x + b)^2 \geq 0$, the minimum value [or minimum point on the curve] occurs when the expression in the bracket is zero	E1 [1]	2.2a		