16	(a)		50	1	B1	
	(b)	$7 = 4 + x$ or $(f^{-1}(x) =)\ x - 4$ oe		2	M1	for forming a correct equation (allow any letter for x) **or** for the correct inverse function (allow in terms of any variable)
		Correct answer scores full marks (unless from obvious incorrect working).	3		A1	cao
	(c)	$3(4+x)^2 + 2$ oe		2	M1	for correct substitution
		Correct answer scores full marks (unless from obvious incorrect working).	$3x^2 + 24x + 50$		A1	terms may be in any order
						Total 5 marks