

Q	Marking Instructions	AO	Marks	Typical Solution
4	Takes logs of an equation. Must be correct use of logs.	AO1.1a	M1	$y = e^{x-4}$
	Obtains correct inverse function in any correct form	AO1.1b	A1	$\ln y = x - 4$
	Deduces correct domain	AO2.2a	B1	$4 + \ln y = x$ $f^{-1}(x) = 4 + \ln x, x > 0$
	Total		3	