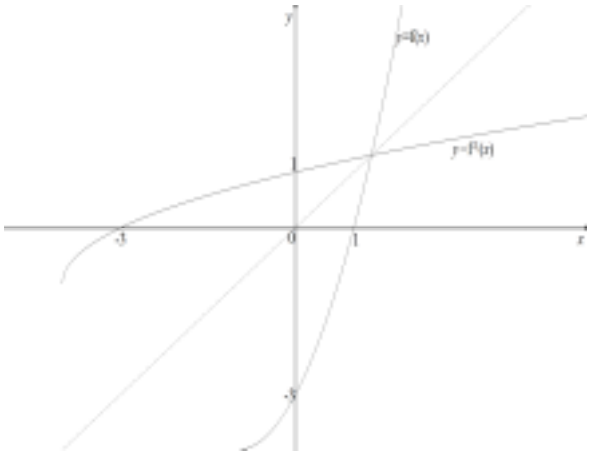
Question	Answer	Marks	Guidance
4(b)	$\frac{n}{2}\left(352+(n-1)(-3)\right) \quad (<0)$	**M1**	For correct attempt at sum formula with *their a* and *their d*,
	$\frac{355}{3}$ or 118.3 oe	**A1**	
	119	**A1**	
5	$x^5+10x^3+40x+\ldots$	**3**	**M1** for attempt to expand $\left(x+\frac{2}{x}\right)^5$, with at least 2 correct terms **A1** for $10x^3$ **A1** for $40x$
	Term in x^2 : $(1\times40)-(3\times10)$	**M1**	For $(1\times\textit{their } 40)\pm(3\times\textit{their } 10)$
	10	**A1**	
6(a)	It is a one-one function because of the given restricted domain or because $x \geqslant -1$	**B1**	
6(b)		**4**	**B1** for $y=\text{f}(x)$ for $x>-1$ only **B1** for 1 on x-axis and –3 on y-axis for $y=\text{f}(x)$ **B1** for $y=\text{f}^{-1}(x)$ as a reflection of $y=\text{f}(x)$ in the line $y=x$, maybe implied by intercepts with axes **B1** for 1 on y-axis and –3 on x-axis for $y=\text{f}^{-1}(x)$