DO NOT WRITE IN THIS MARGIN

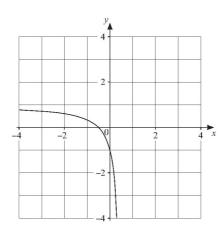
The function f is defined by $f(x) = \frac{2x+1}{2x-1}$ for $x < \frac{1}{2}$.

State the value of f(-1).

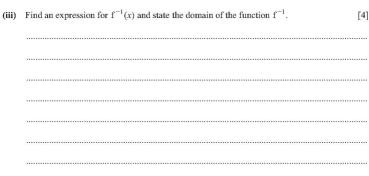
[1]



(ii)



The diagram shows the graph of y = f(x). Sketch the graph of $y = f^{-1}(x)$ on this diagram. Show any relevant mirror line. [2]



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The f	nction g is defined by $g(x) = 3x + 2$ for $x \in \mathbb{R}$.	
	(1)	F0.7
(b)	olve the equation $f(x) = gf(\frac{1}{4})$.	[3]
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(b)	olve the equation $f(x) = gf(\frac{1}{4})$.	
,	olve the equation $f(x) = gI(\frac{1}{4})$.	
,		
,		[3]
,		
		[3]
		[3]
		[6]
		[5]

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