11	1t 1s	s given that a curve has equation $y = k(3x - k)^{-1} + 3x$, where k is a constant.	
	(a)	Find, in terms of k , the values of x at which there is a stationary point.	[4]
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The function f has a stationary	y value at $x = a$ and is defined by
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$$f(x) = 4(3x - 4)^{-1} + 3x$$
 for $x \ge \frac{3}{2}$.

Find the value of a and determine the nature of the stationary value.	[
The function g is defined by $g(x) = -(3x+1)^{-1} + 3x$ for $x \ge 0$. Determine, making your reasoning clear, whether g is an increase function or neither.	sing function, a decreasing
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