4	(a)	Sketch, on a single diagram, the following graphs.	
		• $y = x-1 $	
		• $y = \frac{k}{x}$, where k is a negative constant	[2]
	(b)	Hence explain why the equation $x x-1 =k$ has exactly one real root for any negative vs of k .	alue [1]
	(c)	Determine the real root of the equation $x x-1 =-6$.	[2]