

ex		f(x) = 2x		g(x) = x2		
	(904)	(x) = (2>	× + 3) <sup>2</sup>			
×	2 = (2:	x + 3) <sup>2</sup>				
		x + 3) (2x	+3)			
	- 4×	1 + 6× + 6×	+ 4			
		+ 12×+4				
	. 48	112 ~ 1 4				
ex	ample	(fog)(x				
				x <sup>2</sup> + 3 n	ot equal	
		(g of) #	(f 0 g)	)		
		$f(n) = n^2$		) = n + 1	h(n)= n-1	
		) = n <sup>2</sup>				
		g) = (n1		e n		
3	(f o	$h = n^2$	= (	$n - 1)^2$		
•				n-1) (n	-1)	
			-	2 - n - n		
				$n^2 - 2n +$		
			- 4	1 - 2n +		
10000	969	Page 250				
		function				
			exists	when f is k	both one to one	
and	onto func					
	4	<b>f</b> -1				
/(	, 2)	/(2,		they swap	the domain 4	
	5 , 5 )	(5,	3)	Codomai	n	
\(	6 . 7)/	(7.	6) /			

