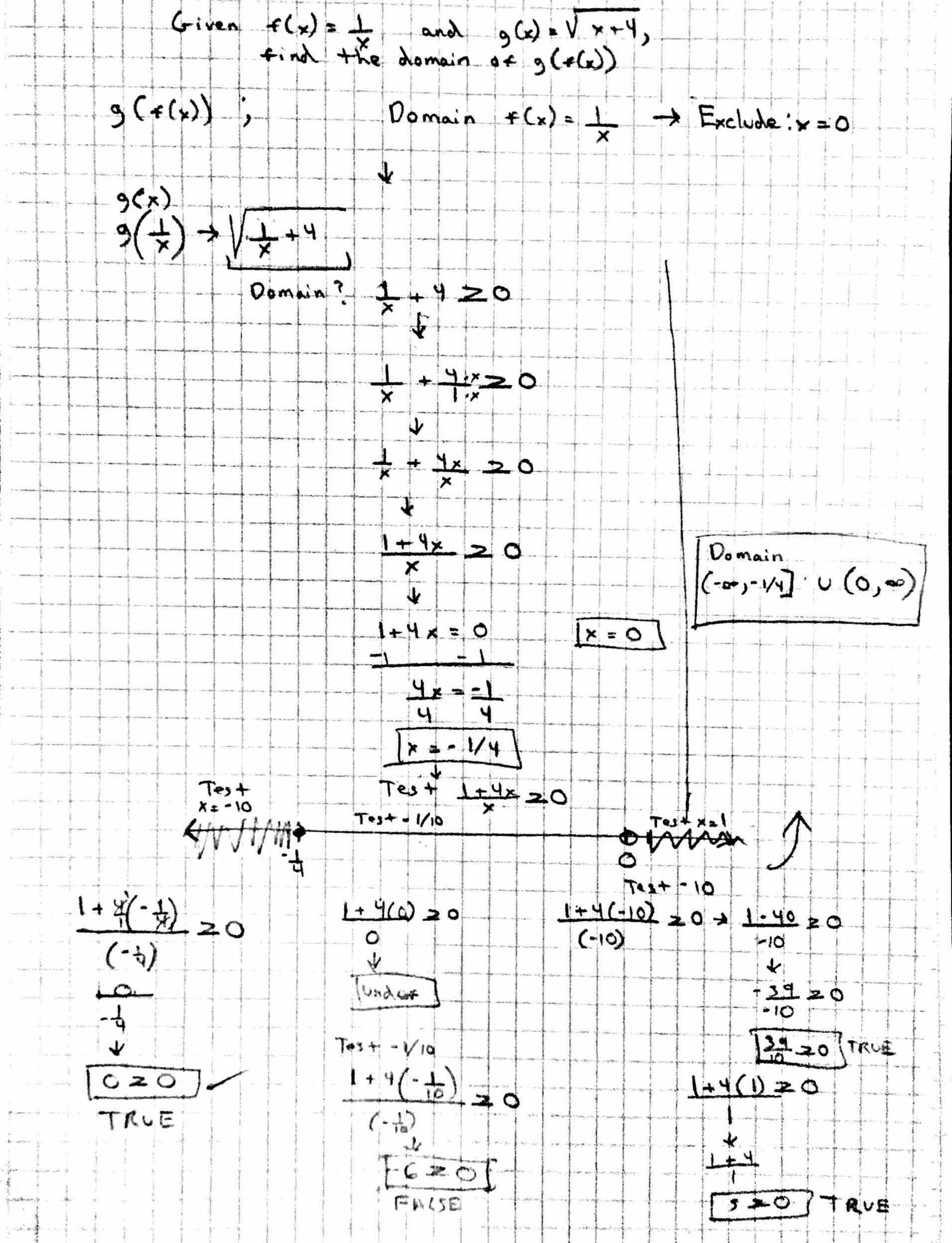


	when finding the composition.		
@ Find the domo	un of the input	-/ inside funct	rien.
@ Find the Loma	in ot the new +	unction after pe	Horming the composits
Final 4			
	he domain of	(+(x)).	non 1269 mg
Le+ +(x)=1	and let of	(x) =	
		(x+2)(x-3)	
a ( +(x))	Domain	Find Domain	E Japet Function
input		X	X = X
9(+(x)) -> 9(x).			
	(\(\frac{1}{x}\) = 2)(\(\frac{1}{x}\) =	3)	
Cannot divide by 0	L L2 = 0	would make o a prea	
	$\begin{array}{ c c c c c c c c c c c c c c c c c c c$	X +3	±3_
	(x) = -2(x)	T X X	
	-3 -3	3,23	
		十十五章二	Exclude 1/3
Exclude - 1	/ <u></u>		
	All reals except	x = 0, x = 1/a	
	ANN Program		
			U → or
		Will I Was Of We	



Given 
$$f(x) = \sqrt{x-8}$$
 and  $g(x) = x^2$ 

Find the domain of  $g(f(x))$ .

$$g(x)$$

$$g(x)$$

$$g(x) = g(\sqrt{x-8}) = \frac{1}{x-8}$$

$$g(f(x)) = x-8$$

$$mistake Domain All real numbers.

Correct:  $f(x) = \sqrt{x-8}$ 

$$x = 8$$

$$x = 8$$$$