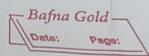
3/10/25	Lines entail 9
13/101	Heck-7.
Q.	Find Most General (MGU) of SO(0,9(x,0), f(y)) & O(0,9(f(b)),0),x)4
=1	a(0,g(x,0), 1(y)) a(0,g(t(b),0), x)
	$a=a$ $g(x,0) = g(f(b),a) = x = f(b)$ $f(y) = x \Rightarrow y \Rightarrow f(y) = f(b) \Rightarrow y \Rightarrow b$ $MGD = \{x \Rightarrow f(b), y \Rightarrow b\}$
(O-	p (x, x)
	f(a) = x g(y) = x => f(a) \diggregard g(y) bec f & g are two different functions Not MeU @ No unifier Unify Sprime(11) & prime(y)
	Drifty 2 prime(11) \(\alpha \) prime(y) prime (y) 11 = y MGD = \(\Sigma \) \(\rightarrow \) 11 \(\sigma \)
Q. =)	Unify {knows (John, x), knows (4, mother(4))) knows (John, x) knows (4, mother(4))
	John = y n = mother(y) =) x = mother(John)



	The state of the s
an LIAP	MGU = & y -> John, x -> mother (John) 5
	Maria Salad
0	Unity Eknows (John, x), knows (4, Bill) 4 Knows (John, x)
=)	Know (John, 71)
4	knows (4, Bill)
11 77	mon transph to word on 3 191 pt : sont
1	John = 4 4
4/11	orx = Bill anhited > 10 . Dans
	and of the 13 on the at 131 role; parts
19 11	May = & y -> John, x -> Billy
1 Wall	1002 00 10 00 112 0 1.
0.	Find Most General Unities (Mars) of Soch & Black) C
W. Carl	Find Most General Unifier (Man) of Epob, x, f(g(z)) & P(z, f(y), f(y)) y
=	P(b, x, f(g(z))) 1111 + 2 1 1
-73	P(7, f(4), f(4))
	Cl 2 1 dlad
1729	POD BIZIANA = LASSAS CO
	$\Delta = f(g)$ $\Delta = f(g)$ $\Delta = f(g)$
	X = f(y) (12/20/2 (10/2) = 7 $f(g(z)) = f(y)$ -> $g(z) = y$
	f(o(K)) (D)
	MGD = \$7->b, x -> 660), Y -> 6(2) Y
(7)	00-11 ((2)P) 10-x (de 53= CIDM 9 by two
	Inification-Algo.
1	tigo: Unif (41, Q2)
3	tep1: If Q100 Q2 is a Voriable on constant, then:
	of Ir in or wa one identical, then return NIL
	b). Else if Q1 is a variable,
	a. Then if Qt occurring, then
	return FAILDRE
	D. Else return 2(42/42)
	of The interior of a deviable
	1). Ilse if 192 is a variable,

