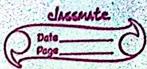
11 -		Deta
		Page
=======================================	[Ufor(0) 1	
	•	Hereforen Re
01	N= 50,1,2,3,000 3	11 6 6
	a) A= S(0,0), (2,2), (4,4)} Relation	
	b) S = 1 (x)y): y = x , x = 2k, K = N } 107	some
	· { (0,0) (2,2), (4,4) } Relation	Digmox 9
,	c) 1 = { (x,y): 4x x EN, y EN, x 1 y 15 even)	A
	- {(0,2),(1,3),(2,2),(0,4),(3,1),(1,1)} Relation	
	d) U= f(x,y): xen, yen, x-girsievend	8 51012 L
	: {(2,0),(3,1),(4,2),(5,3),(4,0) - 1-13	Relation
	e) V: s(1,-1), (2,-2), (8,-3) 1 & 10000	
	Not a Relation (No dosen't contain + vernumber	
	n w= { oc xen or is divisible by of	
	= \ 2,4,6,8,10}	· 1-()8
	not or Relation ((No orderedipary))	
	0 3 (c	(4.0
62	A: 81,2,3,4}	
	AXA: S . 3 [For relation] ECH! A	
	1 (c.s). (l.s) (s.c) (1.c) (s.1) (c.1) (1.1) b. A	- 1
	a) $R_1 = S(x,y) : x \in A, y \in A, x > y$	
	= { (201) (31) (32) (41) (42) (42) (43)	}
	so pot inertour eclation	
	b) Ro = 3 (x,y): x EA, y EA, x 1y 1s even? - \$ (1,1), (1,3), (2,2), (2,4), (3,1), (3,3), (4	4,2), (4,4)3
[Xo	lat ano gava length	
	CIRETER XXY DE DE CA, YEA, YEA, Y IS devesible 11 by	u92018.001
	· { (1,1), (1,2), (1,3), (1,4), (2,7), (2,4), (3,	
1001310	notions - september - thin 2 - 999 - notions	
L 4000	actions of the following the Asiation	
		1 canivalence
		C.F. In C.
	The state of the s	



	Poge		
d	βu= {(x,u): x ∈ A. y ∈ A. x - u div bu 3}		
	Bu= {(x,y): x ep. y ep. x-y div by 3} = {(1,4), (4,1) } (1,1), (0,2), (3,3), (4,4) } A		
03	8: \$ (11) (2.2) (2.3) (2.4) RAS (2.1) (2.5)		
	PEXYALKA9 W.		
a)	51-)(1)1,(2,21,(3,31,(4,1)		
	S. = & (x,y): x = A, y = A, x = y }		
b)	$(3,4),(4,3)$ $\{(1,3),(1,3),(1,4),(1,4),(2,3),(3,2),(2,4),(4,2),(4,2),(4,2),(4,3),($		
	S>: { (x,y): x ∈ A, y ∈ A, x € 6 (x,y) : x ≠ y }		
	55:4 (J.y): J.CH, J.CH, J.CH, J.CH, J.CH, J.C. J.C. J.C. J.C. J.C. J.C. J.C. J.C		
c)	$S_3 = \{ (1,2), (2,1), (1,4), (4,1); (2,3), (3,2), (3,4), (4,3) \}$		
	53 = { (x,y): x ∈ A, y ∈ A) x + y is odd} o		
	000110		
	3 1 0 0		
94	$B = \{0,1\}$ (x,y): xeB, yeB		
	For relation (24.4)		
	BxB=15 (00).(0,1).(1,0).(1,1)) (00) (21) (11) 2 9 (4		
	nere, n=4		
	SO, Agricon		
	[ike subset, relation is foud out [ais se empty]		
1000	using for mula 30		
	- ga		
	= 16		
	Therefore (E)		
	16 different relation on set B		

