Date: / / Page no: Sel: 1) Rosler form Jabular form 1) Sel-builder form Twe method properly method y Robber form iv Set - builder Josem! 12,22,32,423 Y I'X= n2, nEN & Types of bes Null bet lempty Set/ Vaid Set; ngleton x / 2132 0,1,2,--Infinite Set 90,1,2,

Date_/_/ Page no:
condinal number !
A = 21,2,3,43
h(A) = 4
B = <1,1,2,2,3,5} n(B) = 4
n(B) = 4
Universal Bet!-
1-21132020111
A=21,2,3 \(B=25,4,2 \) C=21,2,3,4,5,6,38 \(\)
C - 9 1121314, S161 58 9
Cib universal let of 12B
JA CIOVORA DES OF TO
Deplet:
A=20,42,34
B = < 1,2 }
BEA
as every be il bubbe of itself.
B: 21,2 } -> 8et B: 21,2 } -> B = B
B= <1,2 } -> B = B
a empty had it habet of every bet.
Ø => B = 41, 2, 3 4

AUB = 71,2,3,4,5 6L

A-41,1,2,2,33, B=41,2,5,5,33 AUB = 91,2,3,5}

Date: / / Page no:
2) Intersection(1)
A-111111 0 111
A=21,2,3,43, B=21,18,2,43
ADB - 21,2,46
THE WIND THE THE PARTY OF THE P
3) différence (-)
1) A= <1,2,6,36 B-26,21124
) A= <1,2,5,33, B= <5,2,1,1,3,49
A-B= 2 3 B-A= 244
B-A = 244
2) & A = < 1,2,3,43, B= < 1,5,10,33
/ D - (1)
A-B= 2 8,2,43 B-A= 25,103
B-A = 25, 10 5
complement of a Set A.
A' = A = U-A
U=> universal Set
AND THE PROPERTY OF THE PROPER
1) 0 = 21,2,3,4,5%
$A' = \{2,4,5\}$
A = 2'2,4,5 }
2) A = <1,2,3} A' = Seld all steel number

excep.

Date: / Page test. 2) n(B-A) = n(A) - n(A) B) - 2) n(B-A) = n(B) - n(A) B) - n(B) B) n(A-B) = n(A) - n(ADB)-A-21,2,33, B=22,33 > h(AUB)= n(A) + n(B) - n(ADB) D n(A) = 10, n(B) = 5, n(AUB) = 4 n(AUB) = n(A) + n(B) - n(ADB) 4 = 10 + 5 - n(ADB) n(ADB) = 15 - 4 # condicion product = A= 21,2,33, B=219,20,43 $AxB = \{(1,10), (1,20), (1,4), (2,10), (2,20), (2,4)\}$ BXA - 7 (10,1), (10,2), (-10,3), (20,1), (20,2), (20,3)

Date: 1 1 Yage 169. If A = 21,4%, B = 24,53 (=25,73) Then determine DXBIO (AXC) (AXB) n (AXC) AXB) = 2 (1,4), (1,5), (4,4), (4,5) } (AXC) = 2 (1,5), (1,7), (4,5), (4,7) } (AVB) (AXC) = Y (415), (115) } prove that AN (BNO) = AND) n (AN) Suppose (x,y) e Ax (BDC)

0-7 1/ U - d1, 2,3,4,5,6,7,8,9,10 b . d. 1,5,6,7,89 there