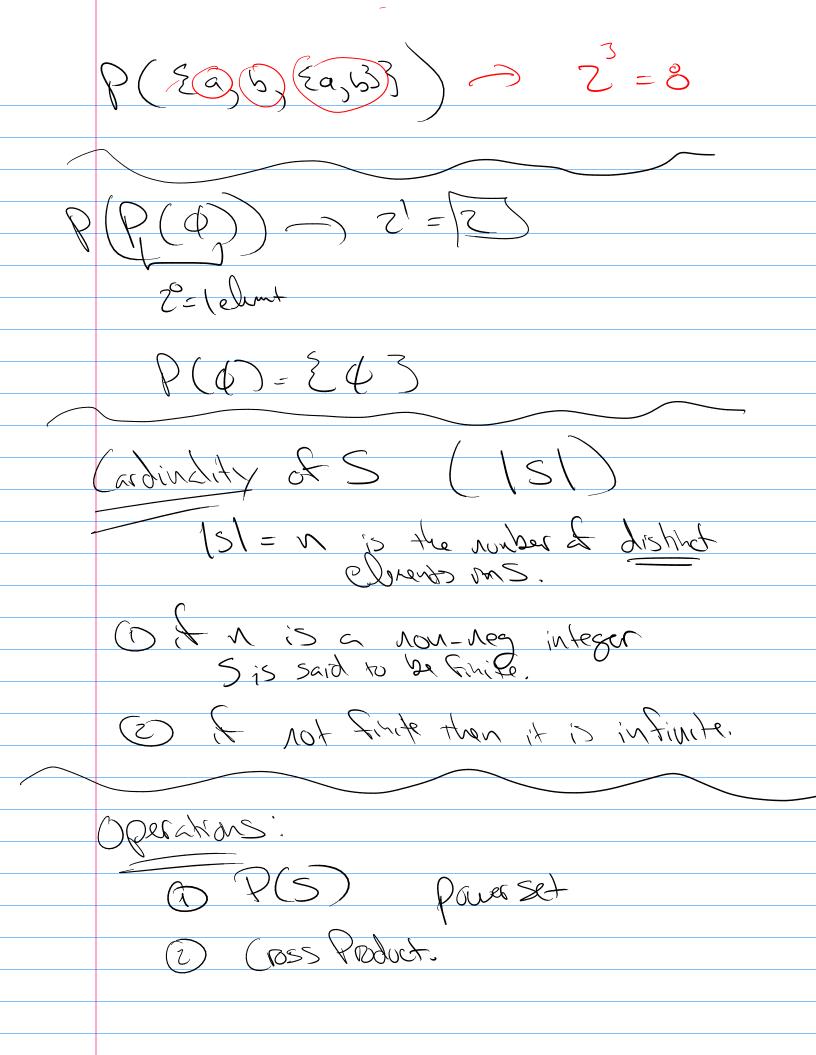


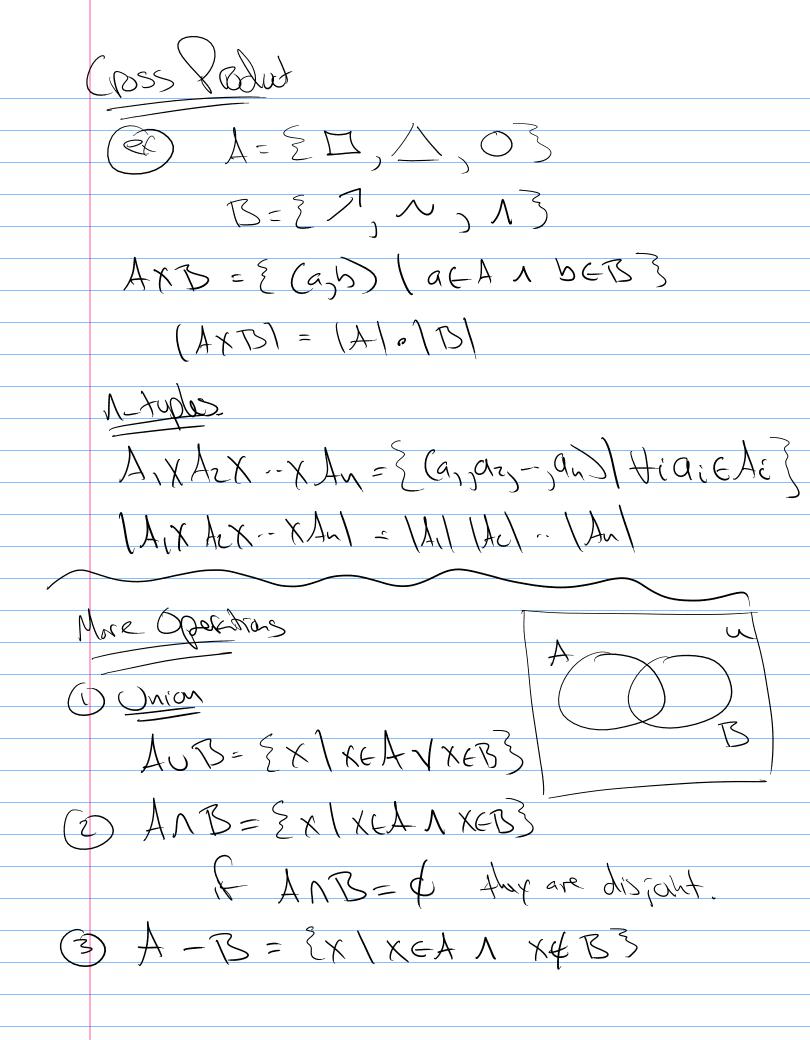
Comparison A = 75 of  $4x(xeA \rightarrow xeB)$ Subset  $A \subseteq 75$  of  $4x(xeA \rightarrow xeB)$ 

0 0 5 S 0 S S S

 $A = \{a_3b_3c_3\}$ what are all the solosets of A.? 0 elevents Sets with 1 elgrent Charles 5 3 elevents V(5) 15 the power set a new set that has as elevents all the subsets of S.

(2) Sex builder notation 3) Venn Dagrans Bit Strongs. ex: U= {a,e,i,o,u} A= {e,o \$ =00000 A = 01010 B = 01101 B= { 9,1, w} 202020707 = 75 How many Slosets? N is nowher at elevers in S.

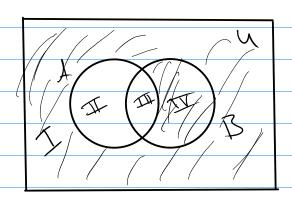




## 

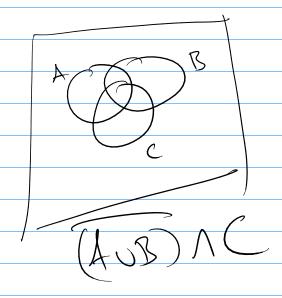
Mensadrip Tables

	A	3	AUB	ANB	A
TT-	l	(	l	l	0
T	l	0	(		
Ţ	0		l	0	(
1	(	)	0		J
-					



A 15 shaded

A	- 75	$\subset$	
/	Ĺ	(	
١	(	C	
(	0	1	
(	0	0	
0	(	(	
6	(	0	
0	0	(	
6	0	0	



AND = EXIXED ) INB = EX (X & (ANB)) - Ex 17 (XEANS)} = {x \ 7 (xeA \ xeB)} = EX ) X ( A B ) = {x | XEA V XEB) ANB = AUB De Morgan's 1aw far Set) D.124 Set 12ms hased on Tapic laws. to show A = B 1 Menber ship Table

(2) HX (XEA W XEB) Show. ACB 1 BSA.

(3) USR the Kows,