9: you miss the final exame

a)  $\neg p$ : you don't have the flu

b)  $p_{19}$  you have the flu and you muss the

final

you miss the final exam because

you have the flu

p => 9 = (pn 8) V (7pn -> 2)
P 9 7 7 9 PA 7 7 PA 7 (PAS) V (PAS) F.  T T F F T F F F F F F F F F F F F F F
Pas 8 = (p19) V (7P179)
N(x): x hus visited North Dakota a) ] x N(x): there exists a student in you class has visited North Dakota
Ix TINIX): Here exists a student on your class deem to visited N.D.
7 Fx N(x): No student in class how disited N.D.
Den x has a dog
1) Cal y has a alog

C(x1: x has a cof x: student D(x1: x has a dog.

A student has a cot and a dog.

\[ \] \tag{C(x1 \tau D(x))}

For every x real number, and for every Neal numbers g, there exists a Neal muches g such that y = g - 2

Show square efector number is even ruter

niseven -> n² is even

niseven =>

n = 2k

n² = (2k)²

= 4k²

= 2 (2k)

... niseven => n² is also even

... niseven => n² is also even

ven dragram

A,B --- set

a,,a,,-- or h, b.- are elements.

ANB, AUB, A-B, AXB &

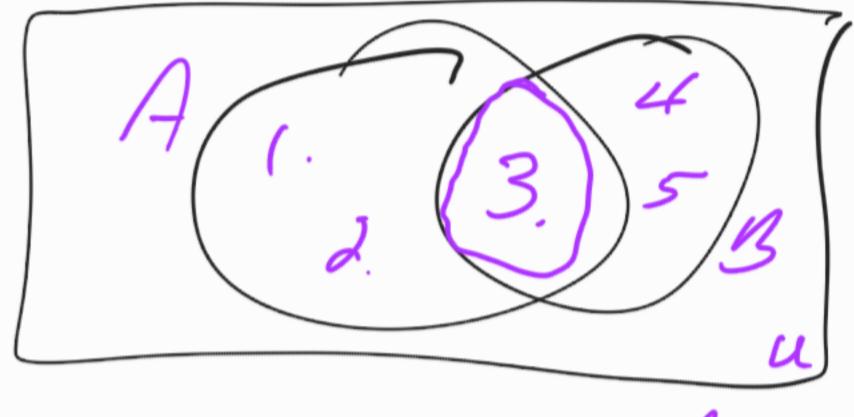
AUĀ = U ANĀ= &

ACB: let x ∈ A, then x ∈ B.

$$A = 11, 2, 3, 0, 5$$
  
 $B = 16, 2, 8, 9$   
 $A A B - 4$   
 $A U B = 11, 2, 3, 0, 5, 6, 7, 8, 9$ 

$$A = \{1, 2, 3\}$$
 $B = \{3; 4, 5\}$ 
 $A - B = \{1, 2, 3\}$ 
 $A - B = \{1, 2, 3\}$ 
 $A - B = \{1, 2, 3\}$ 

 $A \times B = \{(1,3), (1,1), (1,5), (2,3), (2,4), (2,5), (2,5), (2,5), (2,3), (2,4), (2,5), (2,5), (2,5), (2,5), (2,6), (2,5), (2,6)$ 





C1 (B-A)



A CA

you are not allowed to Peare Teans

Done -s type con versa ins

Done, # pages.

- 1 minte

take paicheres (las resolva)

enail (2)? Pages

that U. -s