

SETS

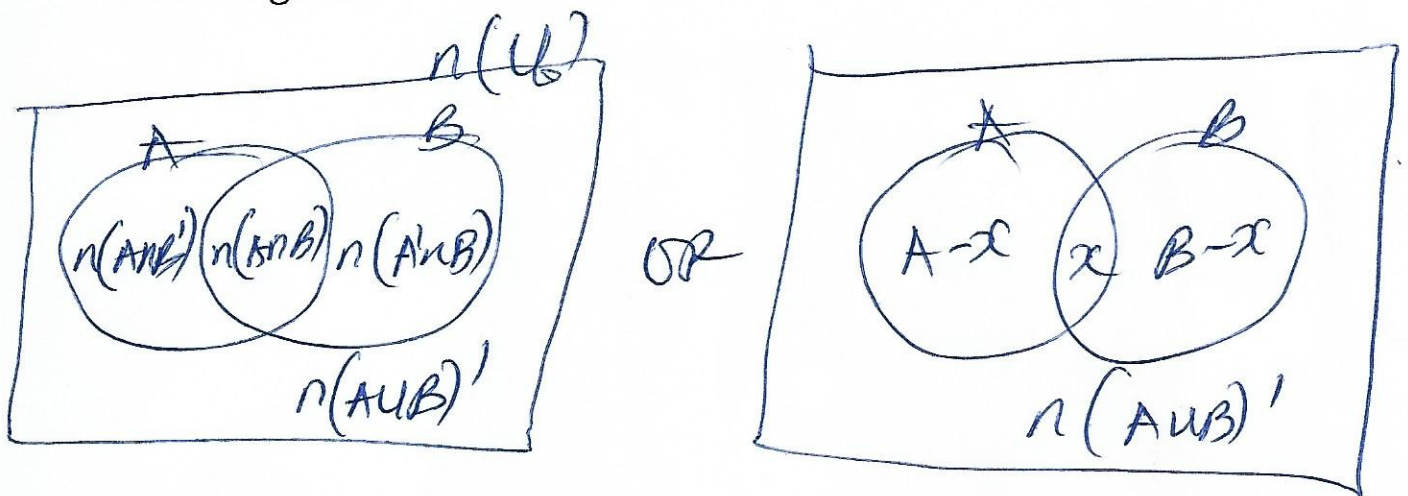
JOHN VENN DIAGRAM

This method of set representation was developed by JOHN VENN.

A Venn diagram is therefore a pictorial representation of sets.

The operations of

1. Union
2. Intersection and
3. Complementation of sets can easily be demonstrated by using Venn diagrams.



Formular =

$$n(u) = n(A \setminus B) + n(A' \cap B) + n(A \cap B) + n(A \cup B)'$$

Where

$n(U)$ = number given as universal set

$n(A \setminus B)$ = number given as set A only

$n(A' \cap B)$ = number given as set B only

$n(A \cap B)$ = number given as intersection between A & B

$n(A \cup B)'$ = number that is prime number