

# GATE-2023 CRASH COURSE

GENERAL APTITUDE

## BLOOD RELATIONS

Lecture no-08

AMULYA RATAN SIR



# Blood Relations







G.G.F. / G.G.M.  
Wife husband

Maternal  
Paternal

forefather Mother Father

Cousins

Brother Sister

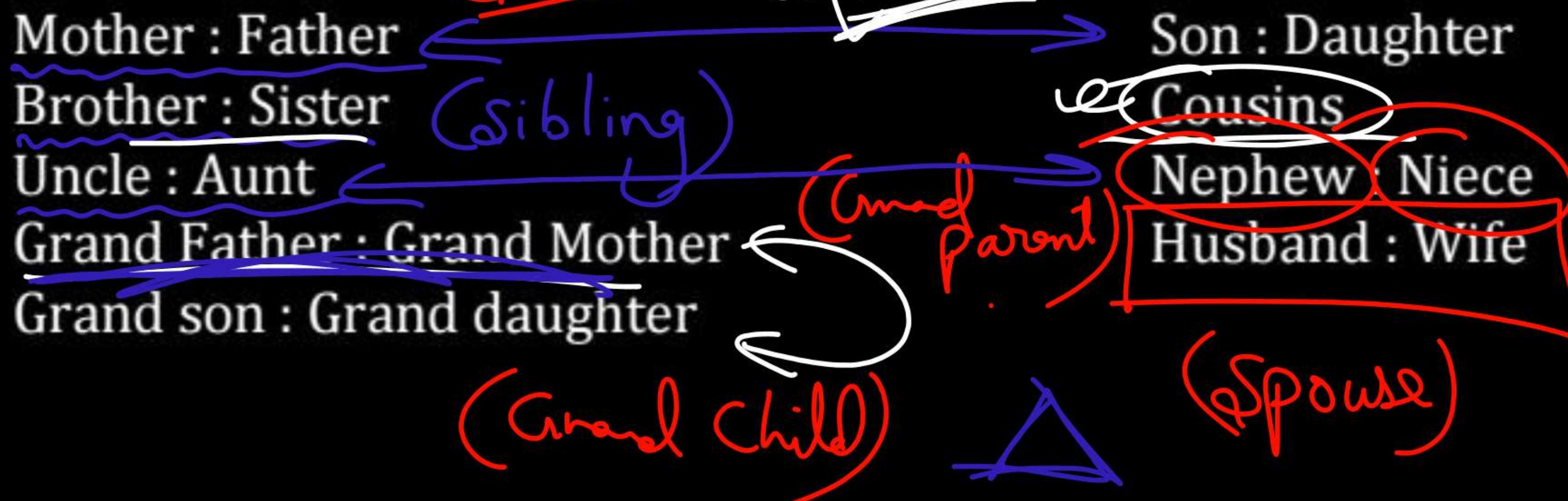
Nephew Niece

G.F. G.M.

Son daughter

Uncle Aunt

Grand son Grand daughter

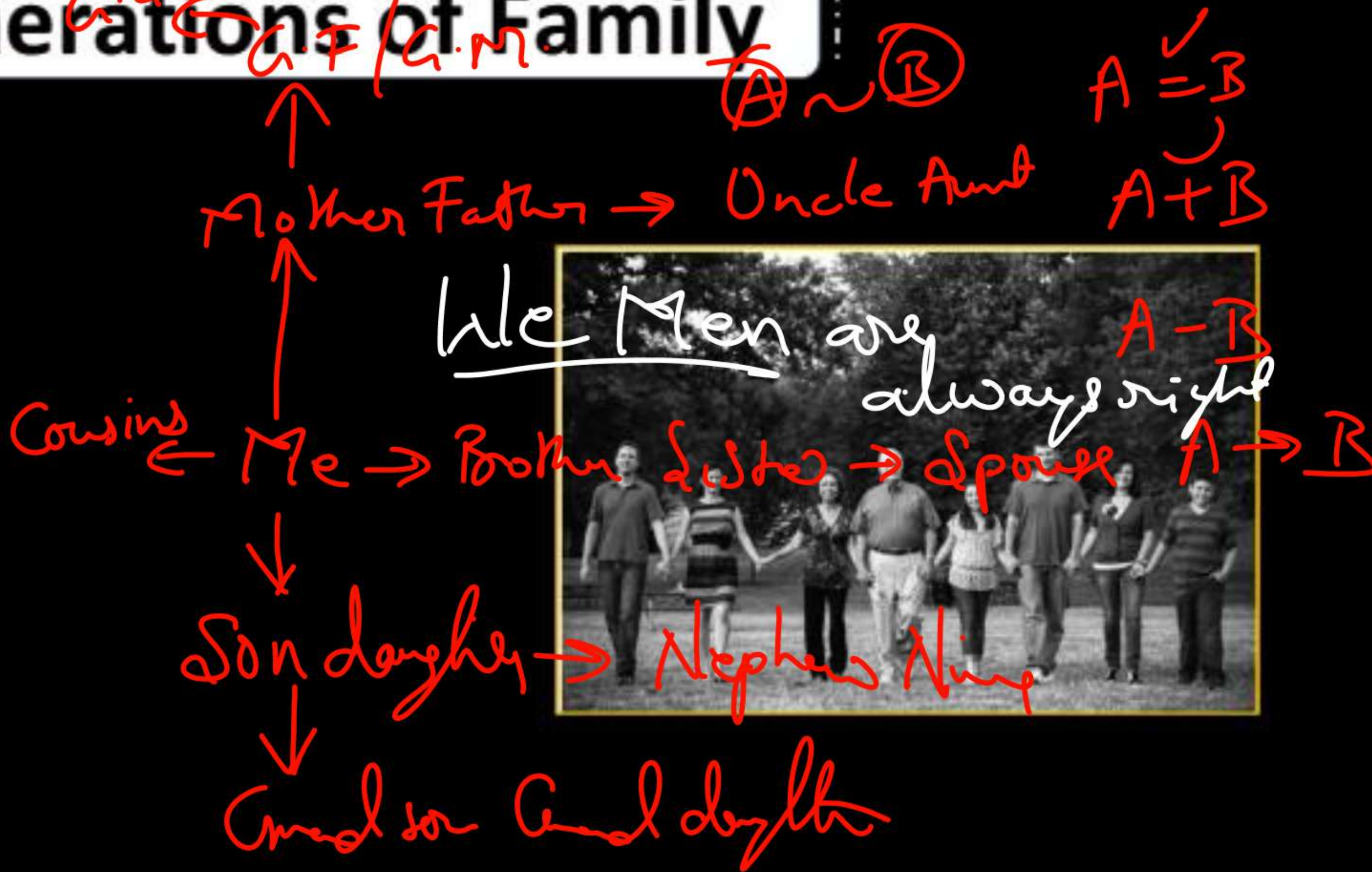


Great Grand Father : Great Grand Mother  
Forefather / Ancestors.



# Generations of Family

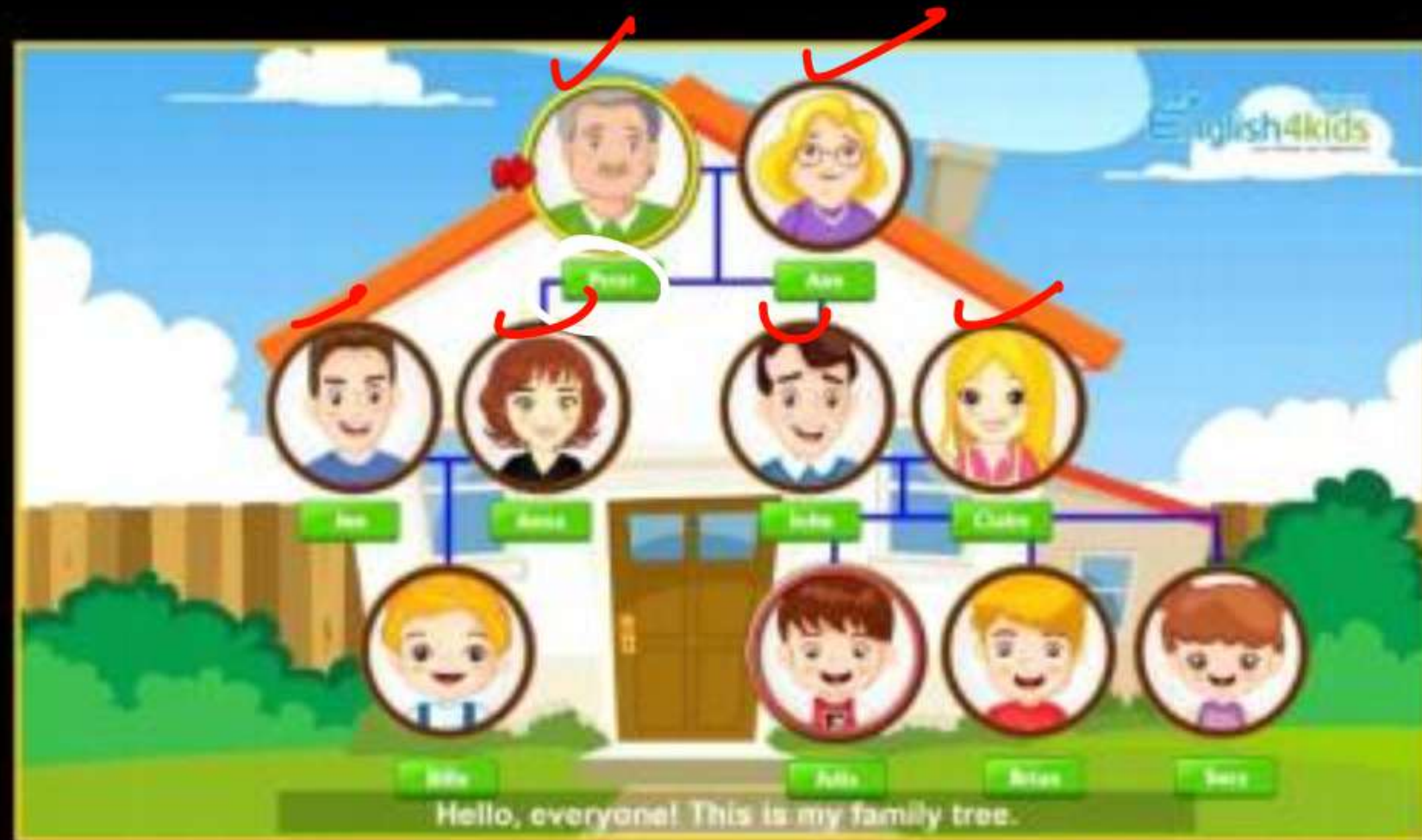
- 1st
- 2nd
- 3rd
- 4th
- 5th





# TIPS while making FAMILY TREE

- 1<sup>st</sup>
- 2<sup>nd</sup>
- 3<sup>rd</sup>
- 4<sup>th</sup>
- 5<sup>th</sup>



# In Laws

Before Marriage?

OR

After Marriage?

OR

~~By birth?~~

father in law / Mother in law / Son in law / daughter in law

brother in law / Sister in law

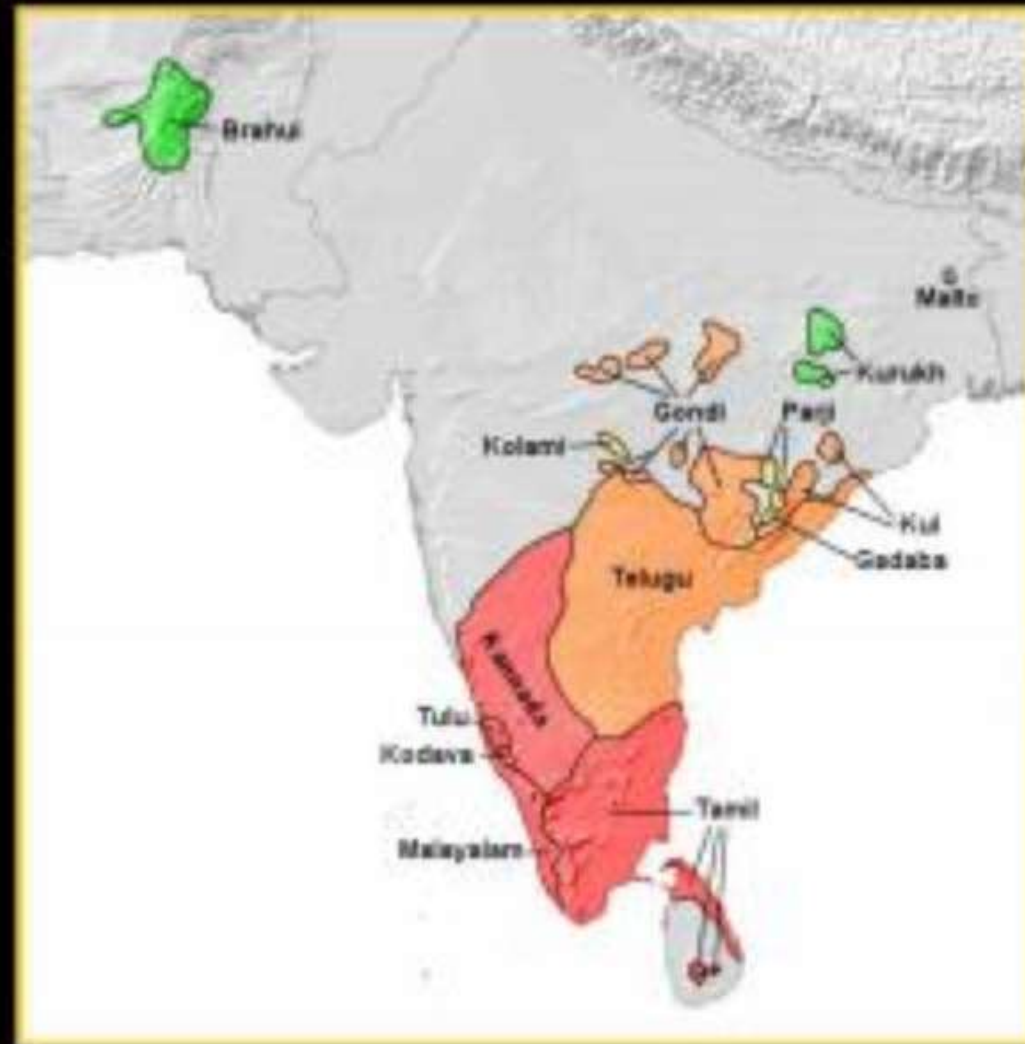




# ARYANS and DRAVIDIANS

- Aryans

- Dravidians







# In Laws



~~Co~~

~~Step~~

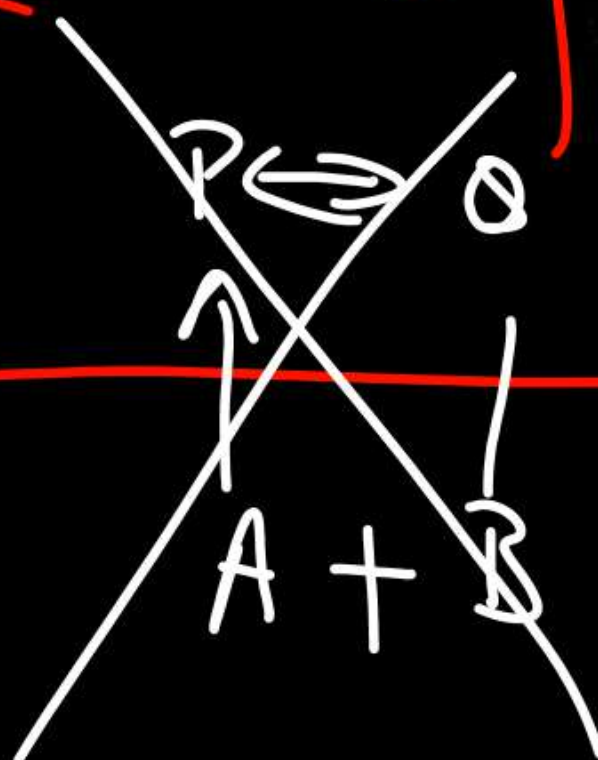
Spouse Mother = Mother in law  
Spouse Father = Father in law  
Spouse Brother = Brother in Law  
Spouse Sister = Sister in law

Son in Law  
Daughter in Law

Spouse son

Spouse daughter

= son  
= daughter





Q.

A party consist of grand mother, father, mother, four sons and their wives, and one son and two daughters of each sons. How many females are there?

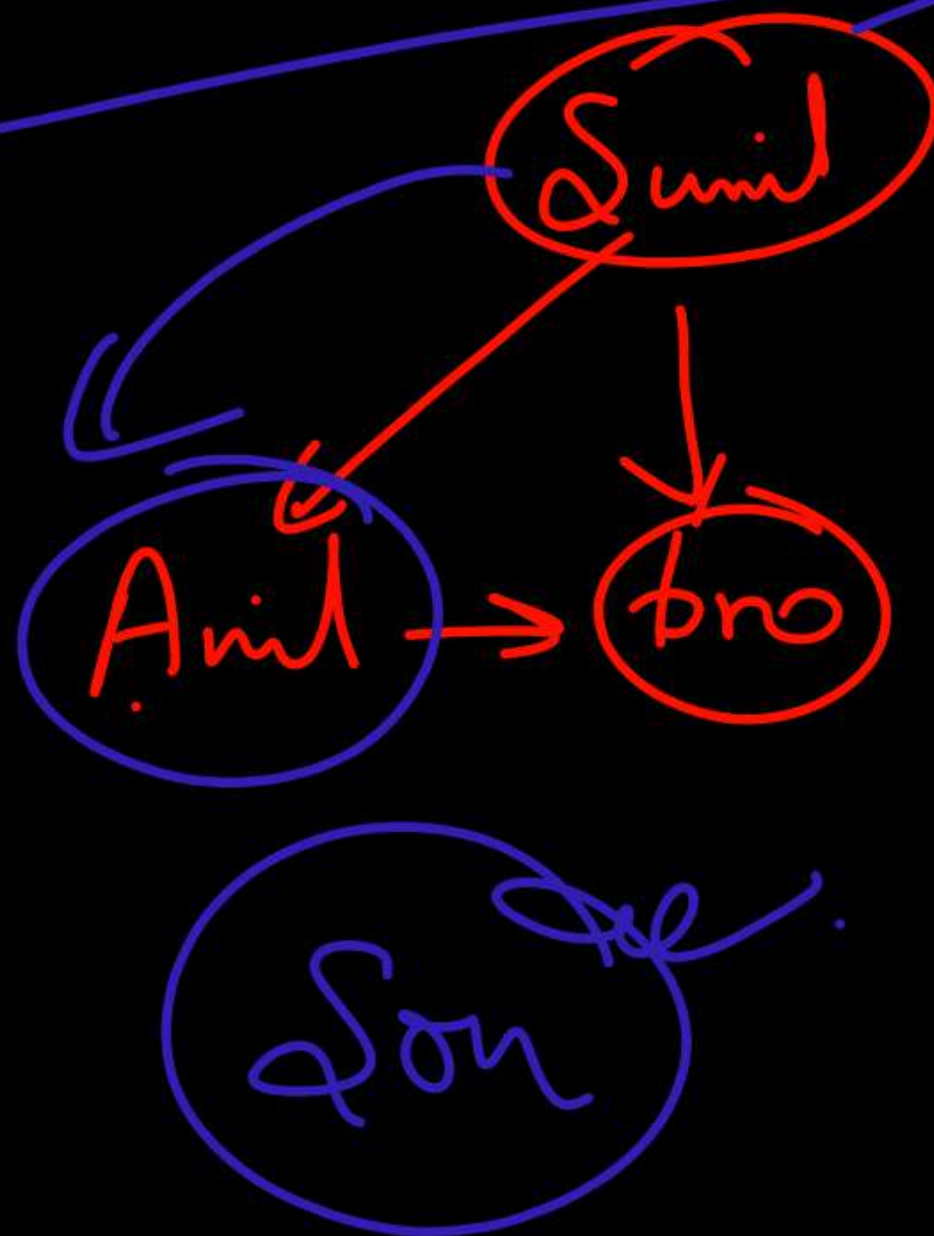


$$\begin{array}{ccccccc} G.M. & + & M & + & W & + & D \\ 1 & & 1 & & 4 & & 8 \end{array}$$

$$\underline{\underline{= 14}}$$

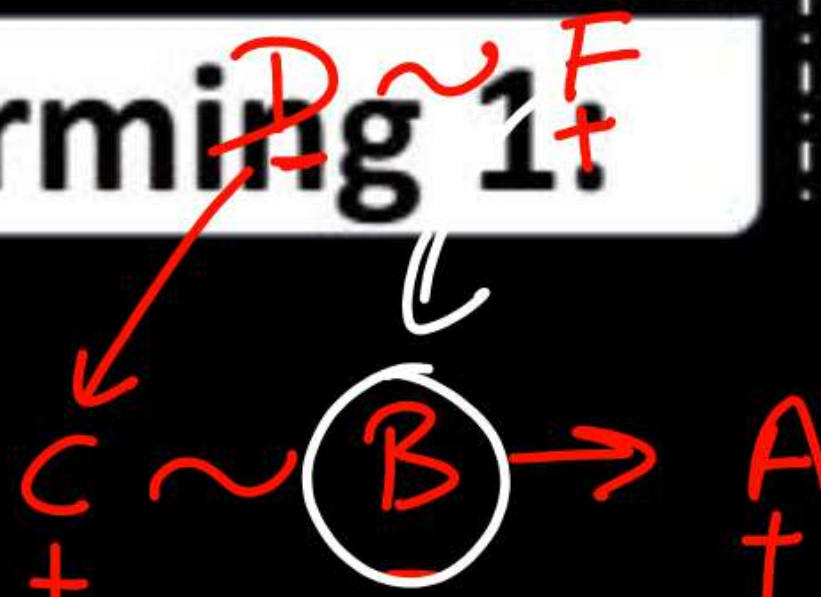
Q.

If Anil's brother is Sunil's son. How is Anil related to Sunil?





# Brainstorming 1:



A is brother of B.

B is wife of C.

C is son of D.

D is wife of F.

Then what is B to F?

A) Son-in law

B) Daughter-in-law ✓✓

C) Cousin

D) None



## Brainstorming 2:

Q.

Pointing towards a person in a photograph, Raman said, "She is the only daughter of the <sup>my</sup> mother of my brother's ~~sister~~". How is that person related to Raman?



- A Uncle
- B Father
- C Mother
- D Sister**



# Brainstorming 3:

Q.

If Neena says, "Anita's father Raman is the only son of my father-in-law Mahipal", then how is Bindu, who is the sister of Anita, related to Mahipal?

A

Daughter

B

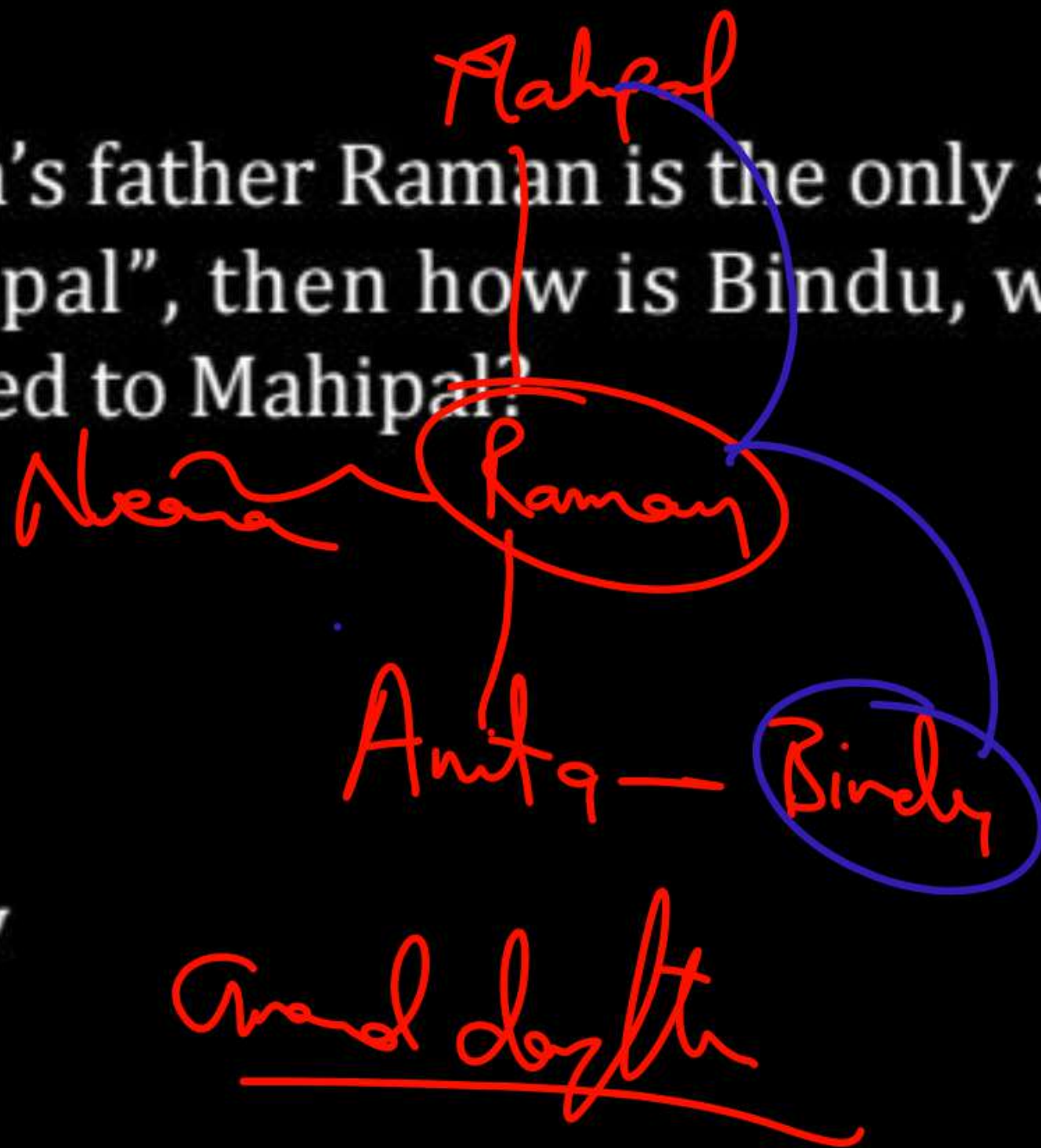
Wife

C

Daughter — in — law

D

None of these

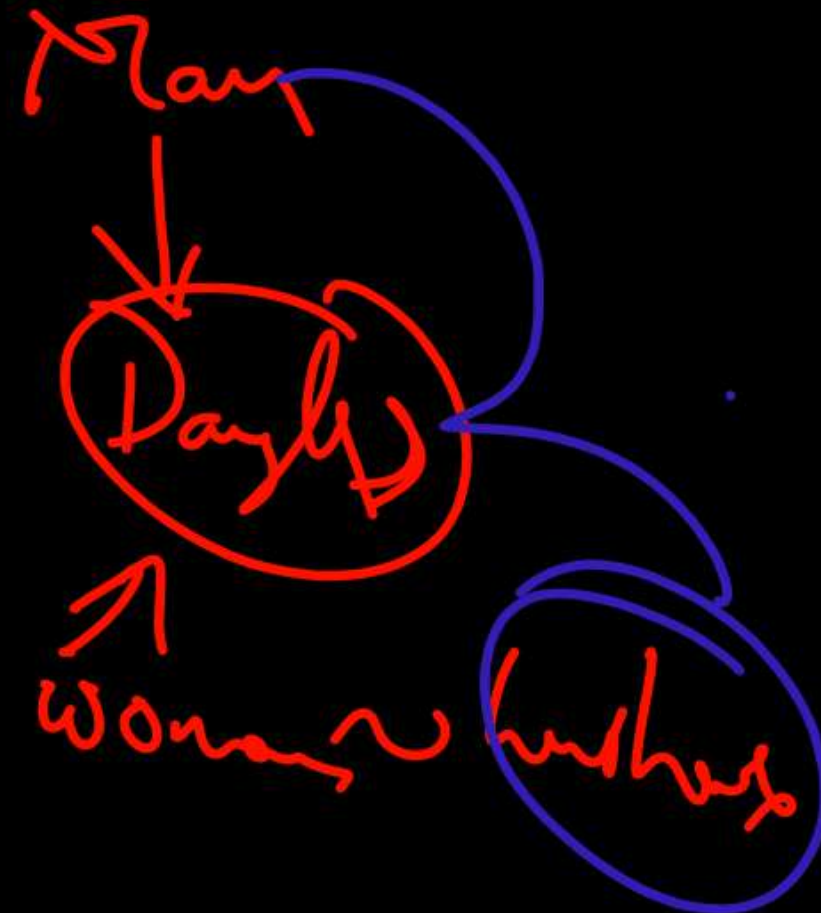


## Brainstorming 4:

Q.

Pointing to a photograph, a woman says, "This man's son's sister is my mother-in-law." How is the woman's husband related to the man in the photograph?

- A Son
- B Son — in — law
- C Grandson**
- D Nephew





## Brainstorming 5:

Aunt → Manoj

Q.

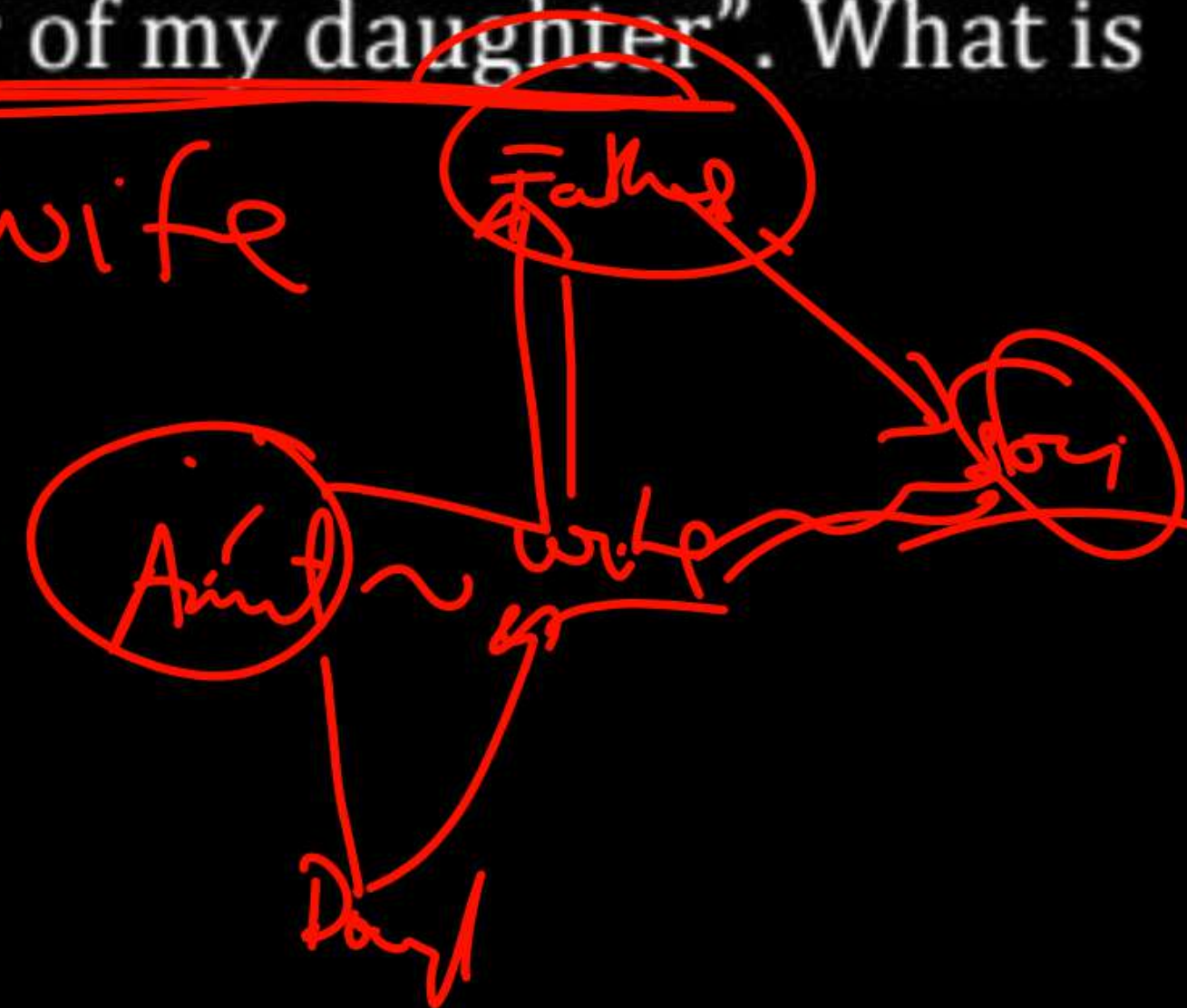
When Amit saw Manoj, he recalled and said "He is the son of the father of the mother of my daughter". What is Manoj to Amit?

A Brother — in — law

B Brother

C Cousin

D Uncle



# Brainstorming 6:

Q.

Direction:  $X+Y$  means X is the father of Y,  $X-Y$  means X is the wife of Y,  $X \times Y$  means X is the brother of Y,  $X \div Y$  means X is the daughter of Y.

$A \times B - C$  means \_\_\_\_\_

A

A is brother in law of C

B

A is the son of C

C

A is the husband of C

D

None of these





