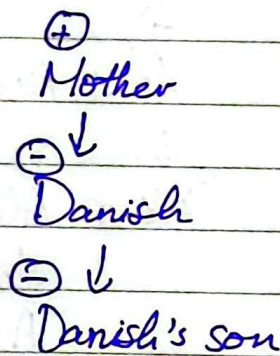


11/7/25 Friday

Math Homework
3- Part A

Q1. Pointing at a photo, Danish said, "His father is the only son of my mother". The photo belongs to ?

- My mother $\rightarrow$ Danish's mother
- The only son of my mother $\rightarrow$ His father / Danish himself
- The son.

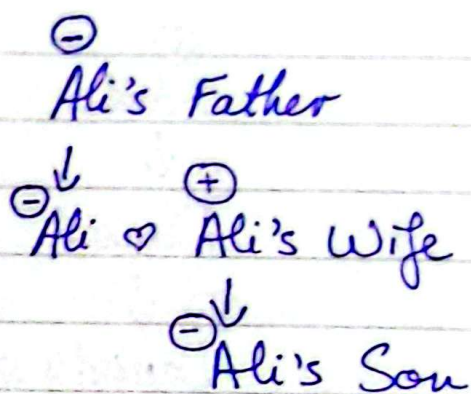


- $\oplus$ to represent females, $\ominus$ to represent Males.

- So if we assume Danish is the father (since he is stated as being the only son, that means the picture is of Danish's son.

(Q2) Looking at a portrait of a man, Ali said, 'His mother is the wife of my father's son. Brother and sister I have none'. At whose portrait was Ali looking?

- Ali doesn't have any siblings / only child
- My father's son = Ali himself
- His mother = Ali's wife

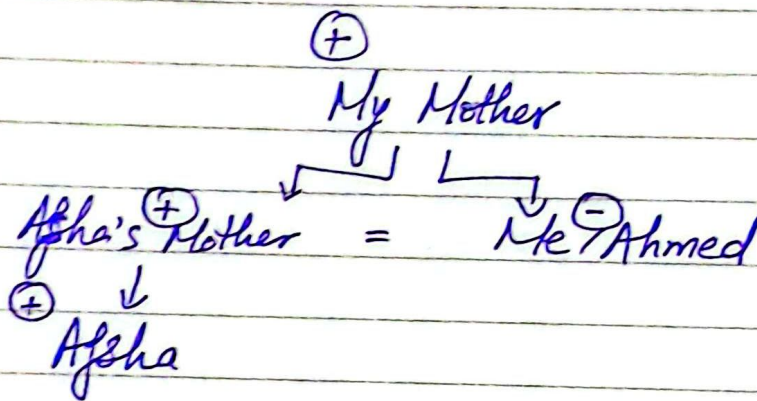


- ⊖ Represents Males, ⊕ Represents Females, ♥ Represents marriage.

• This means that Ali was looking at a portrait of his son.

Q3 If Ahmed says, 'Afsha's mother is the only daughter of my mother,' how is Ahmed related to Afsha?

- Ahmed's mother's only daughter = Afsha's Mother
- Ahmed's sister = Afsha's Mother



- ⊕ Represents Females, ⊖ Represents Males, = Represents siblings.
- So by this logic, Ahmed would be Afsha's Maternal Uncle.