

Blood Relation

Definition and Concept

- Questions in Test of Reasoning on Family/Blood Relationship are about the relationship of a particular person with another person of the family, based on the chain of relationships between other members of that family.
- Family/Blood Relation Tests are an exercise to test the student's ability to comprehend and come to the crux of an issue from complex, lengthy and even confusing data.

Relation	Commonly Used Terms
Grandfather's or Grandmother's only son	Father
Grandfather's or Grandmother's only daughter-in-law	Mother
Father's father or Mother's	Grandfather
Father's Mother or Mother's	Grandmother
Father's brother or Mother's	Uncle
Father's sister or Mother's	Aunt
Son's wife	Daughter-in-law
Daughter's husband	Son-in-law
Husband's or wife's sister	Sister-in-law
Husband's or wife's brother	Brother-in-law
Brother's wife	Sister-in-law
Brother's or sister's son	Nephew
Brother's or sister's daughter	Niece
Uncle's or aunt's son or daughter	Cousin
Sister's husband	Brother-in-law
Brother's wife	Sister-in-law
Grand son's or grand daughter's daughter	Grand Grand Daughter
Grand son's or grand daughter's son	Great Grand Son

Great-Uncle/Aunt: A brother/sister to any of one's grandparents.

In-laws

In-laws only apply to brother, sister, and parents.

e.g. There is no relationship between you and your spouses cousins.

My sister-in-law could be:

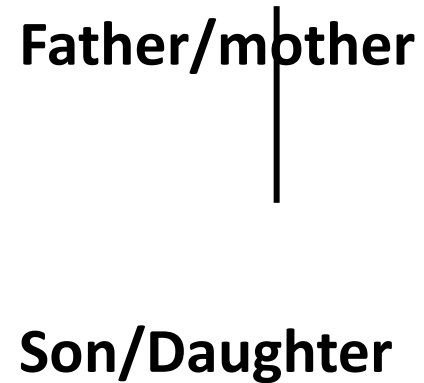
1. the sister of my spouse, or
2. the wife of my brother, or
3. the wife of my spouse's brother.

UNCLE: Uncle in American society this term can refer to a man in four different relative positions: father's brother; mother's brother; father's sister's husband; mother's sister's husband.

NEPHEW - NIECE: Nephew or Niece is one who is the child of a sibling (or a half-sibling, or step-sibling, or a child of a spouse's sibling, or your spouse's sibling. Since the term derives from the Latin term, "Nepos" meaning grandson, it is possible an early colonial reference may have this meaning.

Four thumb rule to solve Blood Relation Problems

1. Male is denoted by + sign and female by - sign in a family tree.
2. Father/mother and Son/daughter are joined by a vertical line to show generation gap between them.



3. Siblings(Brother sister) are joined by a horizontal line because there is no generation gap between them.

Brother  Sister

Note: We never joined cousins by any line in a family tree as they are siblings from different parents.

4. Married couples are always written adjacent to each other but joined by a couple sign.

Husband  Wife

- Only use the details provided in the question to form the tree. **DO NOT** assume values on your own-Unless specifically provided or logically concluded.
- Relations on the mother's side is called 'Maternal' while on Father's side is called 'Paternal'.

In every competitive exam and placement exam, Blood relation can be asked in the following three forms:

Type 1 : Indicating type or Deciphering jumbled up description

Type 2 : Relation puzzle (A set of statements)

Type 3 : Coded blood relation (In the form of Symbols)

Type 1: Indicating type Problems

1. Introducing Neeta, Anil(Male) said "She is the wife of my mother's only son". How is Neeta related to Anil?

- A. Wife
- B. Sister
- C. Mother
- D. Aunt

2. If Kamal says , " Ravi's mother is the only daughter of my mother", how is Kamal related to Ravi ?

- A. Grandfather
- B. Father
- C. Brother
- D. None of these

3. Pointing towards photograph, Vipul said, "She is the daughter of my grandfather's only son." How is Vipul related to the girl in the photograph ?

- A. Mother
- B. Sister
- C. Cousin
- D. Grand Mother

4. Pointing towards a person in a photograph, Anjali said, "He is the only son of the father of my sister's brother." How is that person is related to Anjali ?

- A. Father
- B. Cousin
- C. Brother
- D. Maternal Uncle

5. Pointing out to a lady, Rajan said, “She is the daughter of the woman who is the mother of the husband of my mother”. Who is that lady to Rajan?

- A. Aunt
- B. Grand daughter
- C. Daughter
- D. Sister

6. If Neha says, "Amrita's father Raj is the only son of my father-in-law Mahesh," then how Bindu, who is the sister of Amrita related to Mahesh?
- A. Daughter
 - B. Wife
 - C. Niece
 - D. Grand daughter

7. The son of M is the father of N and grandfather of R. S is the daughter of N and sister of B. How is M related to B?

- A. Grand father
- B. Grand mother
- C. Grand father's father
- D. Data inadequate

Type 2: Relation Puzzle

In these types of problems, relations will be given in the form of puzzle i.e. a set of statements. We need to draw the family tree according to given statements and answer the questions based on those relations.

1. 'Ram' is the father of 'Kusha' but 'Kusha' is not his son. 'Mala' is the daughter of 'Kusha'. 'Shalaka' is the spouse of 'Ram'. 'Gopal' is the brother of 'Kusha'. 'Hari' is the son of 'Gopal'. 'Meena' is the spouse of 'Gopal'. 'Ganpat' is the father of 'Meena'. Who is the grand daughter of 'Ram'?

A. Mala

B. Meena

C. Hari

D. Shalaka

2. X is the husband of Y. W is the daughter of X. Z is the husband of W. N is the daughter of Z. What is the relationship of N to Y.

A. Cousin

B. Niece

C. Daughter

D. Grand daughter

Directions (3-5):In a family there are eight members. A is mother of B, who is brother of C. C and Q are siblings. Y is daughter of P. Z is brother in law of B, who is son of D. A has only one son. There are only two married couples in the family. P is married to B.

3. How is P related with Z?

- A. Brother
- B. Daughter
- C. Nephew
- D. None of these

4. How is C related with Y?

A. Aunt

B. Daughter in Law

C. Uncle

D. Grand father

5. How many male members are there in the family?

A. Four

B. Three

C. five

D. Two

Type 3: Coded Blood Relation

In these types of problems, relations will be given in the form of codes and symbols. We need to draw the family tree according to given symbols and answer the questions based on those relations.

1. 'P +Q' means that P is the son of Q, 'P-Q' means that P is the wife of Q, 'P*Q' means that P is the brother of Q, 'P/Q' means that P is the mother of Q and 'P=Q' means that P is the sister of Q. then, what does X+Y-Z mean?

- A. Z is the father of X
- B. Z is the son of X
- C. Z is the uncle of X
- D. Z is the brother of X

2. If ' $A \times D$ ' mean 'D is the sister of A', ' $A + D$ ' means 'D is the daughter of A', ' $A \div D$ ' means 'A is the wife of D', and ' $A - D$ ' means 'A is brother of D' then which of the following expression shows 'J is sister of K' ?

- A. $J - K \div P + L$
- B. $K + P + M \times J$
- C. $J - K \div L + P$
- D. $K - J \div L + P$

Direction for Q3 & Q4: Study the following information carefully to answer these questions.

'A\$B' means 'A is mother of B'

'A#B' means 'A is the father of B'

'A@B' means 'A is the husband of B'

'A%B' means 'A is daughter of B'

3. P@Q\$M#T indicates what relationship of P with T?

- A. Maternal Grandfather
- B. Maternal Grandmother
- C. Paternal Grandfather
- D. None of the above

4. Which of the following expressions indicates 'R is the sister of H'?

a) $R\$D@F\#H$

b) $H\%D@F\$R$

c) $R\%D@F\$H$

d) $H\$D@F\#R$

Directions (5-6):

'A \times B' means 'A is mother of B'.

'A $-$ B' means 'A is brother of B'.

'A $+$ B' means 'A is sister of B'.

'A \div B' means 'A is father of B'.

5. If the expression $M \times N + R \div T$ is true, then which of the following is true?

- A. M is father of R
- B. N is aunt of T
- C. M is grandfather of T
- D. T is sister of N

6. Which of the following means 'Q' is brother of 'T'?

A. $Y \div Q - T + R$

B. $T \div Q - Y - R$

C. $T \times M - R + Q$

D. $T + M \div Y + Q$



thank you!