

A) How many family members have unibrows?

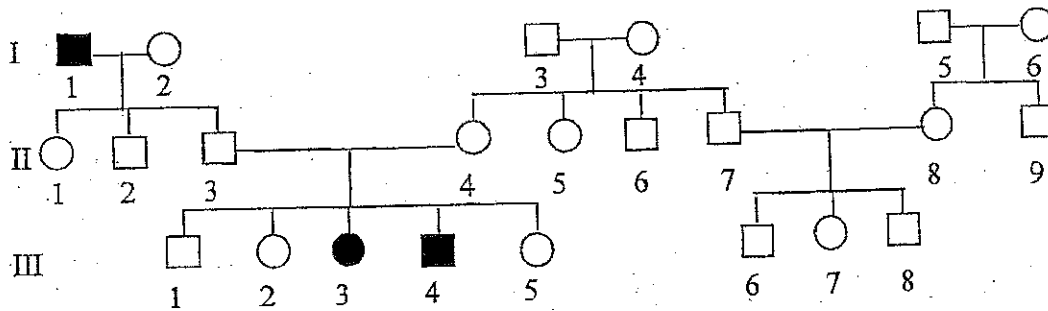
B) What is the genotype of individual # 4?

C) Are individuals #8 and # 9 homozygous or heterozygous?

C) What is the genotype of individual # 2?

For the following pedigree, the symbols are as follows:

- Siblings are placed in birth order from left to right and are labeled with numbers.
- Each generation is labeled with a Roman numeral.
  - Example: we would name an individual II-3 if he/she was in the second generation and the 3<sup>rd</sup> child born



Try to identify the genotypes of the following individuals using the pedigree above.  
(homozygous dominant, homozygous recessive, heterozygous)

• III-3:

\_\_\_\_\_

• II-1:

\_\_\_\_\_

• I-1:

\_\_\_\_\_

• II-4:

\_\_\_\_\_

1. Is this trait dominant or recessive?

2. How can you know for sure that individuals II-3 and II-4 are heterozygous?